```
BEGIN
  INTEGER I, J, K, L, M, N, P, Q, R, S, T, MON, ANF, E, F, TMP,
  MEND, AQ, ANFQ, PROD, NNAN, EZ, BEV, AUS, CODE, AKTEM,
  VER, U, V, W, BANFQ, NAUF, NEIN, NZA;
  REAL WER, PG, PR, KAP, KAPA, PLAN, C1, GEW, SOZ, PB, GEBIN, H, KPF, LESUM,
KIND,
  A, B, C, D, G, AWQ, ZWQ, PD, LONST, ROLAK, LAVOK, ENERG, ENT, LME, AME, ARE,
NARZU;
  BOOLEAN AB;
  CODE := ININT;
  ANF := ININT;
  MEND := ININT;
  E := 18;
  F := 28;
  AUS := ININT;
  AKTEM := 0;
  AB := FALSE;
  OUTIMAGE;
  OUTTEXT("CODENR");
  OUTINT(CODE, 10);
  BEGIN
    INTEGER ARRAY ALTER, POOL(1:E, 1:5), ESP(1:36),
    GRENZ, GREP(1:E), BW(U:E, 1:E),
    ALGRU(1:9), IND(1:36), WO(1:6, 0:E + 2);
    ARRAY HD(1:E, 1:28), ZEIT(1:6, 1:36),
    EIN, AKTEIN(1:100, 1:13),
    FLUK(1:5), INST(1:9, 1:20), UST(1:14), AR(1:30),
    EMERG(1:15, 1:7), NABIL, ARZU,
    ABIL(1:2), ALZU, STERIN, JAHRIN, JAHRAN, TSUM, ALAB(1:9),
    KUMZU, KUMAB(1:E, 1:5), SYC(1:22);


    PROCEDURE NL(N);
      INTEGER N;
    BEGIN
      INTEGER I;
      FOR I := 1 STEP 1 UNTIL N DO OUTIMAGE;
    END;


    PROCEDURE RMATEIN(MAT, AZ, EZ, AS, ES);
      VALUE AZ, EZ, AS, ES;
      INTEGER
      AZ, EZ, AS, ES;
      ARRAY MAT;
    BEGIN
      INTEGER I, J;
      FOR I := AZ STEP 1 UNTIL
      EZ DO FOR J := AS STEP 1 UNTIL ES DO MAT(I, J) := INREAL
    END;


    PROCEDURE MATA(M, X, AZ, NZ, AS, NS, ZEI, HK, W);
      INTEGER AZ, NZ, AS, W,
```

```
  NS, HK, ZEI;
  INTEGER ARRAY X;
  ARRAY M;
BEGIN
  INTEGER I, J;
  NL(3);
  FOR I := AZ STEP 1 UNTIL NZ DO
  BEGIN
    NL(1);
    FOR J := AS STEP 1 UNTIL NS DO
    BEGIN
      IF W < 0 THEN
      OUTFIX(M(I, J), HK, ZEI) ELSE OUTINT(X(I, J), ZEI);
      IF MOD(J, ENTIER(79 / ZEI)) = 0 THEN NL(1)
    END J
  END I
END MATA;


PROCEDURE VEKA(V, X, A, E, ZEI, HK, W);
  INTEGER W, A, E, HK, ZEI;
  INTEGER ARRAY X;
  ARRAY V;
BEGIN
  INTEGER I;
  NL(2);
  FOR I := A STEP 1 UNTIL E DO
  BEGIN
    IF W < 0 THEN OUTFIX(V(I), HK, ZEI) ELSE OUTINT(X(I), ZEI);
    IF MOD(I, ENTIER(79 / ZEI)) = 0 THEN
    NL(1)
  END
END VEKA;


PROCEDURE WOMIN(BER, N);
  INTEGER BER, N;
BEGIN
  INTEGER I, J;
  LW:I := RANDINT(1, 6, U);
  J := WO(I, BER);
  IF J > 0 THEN
  BEGIN
    IF J > N THEN WO(I, BER) := J - N ELSE
    BEGIN
      N := N - J;
      WO(I, BER) := 0;
      GOTO LW
    END
  END ELSE GOTO LW
END WOMIN;


PROCEDURE REST(G, RESTWERT, BASIS, INDEX);
```

```
  NAME G, RESTWERT;
  VALUE INDEX;
  INTEGER G;
  REAL RESTWERT, INDEX, BASIS;
BEGIN
  RESTWERT := RESTWERT + BASIS * INDEX;
  G := ENTIER(RESTWERT);
  IF G > 0 THEN RESTWERT := RESTWERT - G
END RESTREST;


PROCEDURE MATAUS(MR, MI, AZ, NZ, AS, NS, Z, INN);
  VALUE AS, AZ, NS, NZ, Z, INN;
  INTEGER AS, AZ, NS, Z, NZ;
  BOOLEAN INN;
  INTEGER ARRAY MI;
  ARRAY MR;
BEGIN
  INTEGER I, J, K, L, M, N;
  NL(5);
  K := ENTIER(120 / Z + 0.5);
  IF NS < K THEN N := NS ELSE N := K;
  M := AS;
  L1:
  FOR I := AZ STEP 1 UNTIL NZ DO
  BEGIN
    OUTIMAGE;
    OUTINT(I, 5);
    OUTTEXT("I");
    FOR J := M STEP 1 UNTIL N DO
    BEGIN
      IF INN THEN OUTINT
      (MI(I, J), Z) ELSE OUTFIX(MR(I, J), 3, Z)
    END
  END I;
  IF N < NS THEN
  BEGIN
    NL(5);
    N := N + K;
    M := M + K;
    IF N > NS THEN N := NS;
    GOTO L1
  END
END MATAUS;


PROCEDURE GRUNDAUS;
BEGIN
  NL(5);
  OUTIMAGE;
  OUTINT(MON, 5);
  OUTIMAGE;
  MATAUS(HD, WO, 1, E, 1, 28, 15, FALSE );
  MATAUS(INST, WO, 1, 7, 1, 17, 15, FALSE );
```

```
  MATAUS(INST, WO, 1, 6, 0, E + 2, 8, TRUE );
  MATAUS(HD, ALTER, 1, E, 1, 5, 5, TRUE );
END GRUNDAUS;


PROCEDURE UMSETZ(VON, ZU, N);
  INTEGER VON, ZU, N;
BEGIN
  INTEGER I, J, K, H;
  REAL KAP;
  K := HD(VON, 2) + HD(VON, 3);
  IF N > K THEN H := K;
  IF K > 0 THEN
  KAP := HD(VON, 14) / K;
  FOR I := 1 STEP 1 UNTIL H DO
  BEGIN
    L:J := RANDINT(1, 5, U);
    IF ALTER(VON, J) > 0 THEN
    BEGIN
      ALTER(VON, J) := ALTER(VON, J) - 1;
      ALTER(ZU, J) := ALTER(ZU, J) + 1;
      HD(VON, 2) := HD(VON, 2) - 1;
      HD(ZU, 3) := HD(ZU, 3) + 1;
      L2:K := RANDINT(1, 6, U);
      IF WO(K, VON) > 0 THEN
      BEGIN
        WO(K, VON) := WO(K, VON) - 1;
        WO(K, ZU) := WO(K, ZU) + 1
      END
      ELSE GOTO L2;
      HD(VON, 14) := HD(VON, 14) - KAP;
      HD(ZU, 14) := HD(ZU, 14) + KAP
    END
    ELSE GOTO L;
  END
END UMSETZ;


PROCEDURE GRUNDEIN;
BEGIN
  INTEGER I, J;
  RMATEIN(HD, 1, E, 1, F);
  RMATEIN(INST, 1, 7, 1, 17);
  FOR I := 1 STEP 1 UNTIL E DO FOR J := 1 STEP 1 UNTIL 5 DO
  ALTER(I, J) := ININT;
  FOR I := 1 STEP 1 UNTIL E DO FOR J := 1 STEP 1 UNTIL 5 DO
  POOL(I, J) := ININT;
  RMATEIN(ZEIT, 1, 6, 1, 36);
  FOR I := 1 STEP 1 UNTIL 22 DO SYC(I) := INREAL;
  FOR I := 1 STEP 1 UNTIL 9 DO STERIN(I) := INREAL;
  FOR I := 1 STEP 1 UNTIL 9 DO JAHRIN(I) := INREAL;
  FOR I := 1 STEP 1 UNTIL 9 DO ALGRU(I) := ININT;
  FOR I := 1 STEP 1 UNTIL 14 DO UST(I) := INREAL;
  FOR I := 1 STEP 1 UNTIL 5 DO FLUK(I) := INREAL;
```

```
      FOR I := 1 STEP 1 UNTIL 6 DO
      FOR J := 0 STEP 1 UNTIL E + 1 DO WO(I, J) := ININT;
      RMATEIN(KUMZU, 1, E, 1, 5);
      RMATEIN(KUMAB, 1, E, 1, 5);
      FOR I := 1 STEP 1 UNTIL 9 DO ALAB(I) := INREAL;
      FOR I := 1 STEP 1 UNTIL E DO FOR J := 1 STEP 1 UNTIL E DO BW(I, J) :=
      ININT;
      NEIN := ININT;
      RMATEIN(EIN, 1, NEIN, 1, 11);
    END GRUNDEIN;


    COMMENT ANFANGSEINGABE;
    FOR I := 1 STEP 1 UNTIL 36 DO ESP(I) := -100;
    GRUNDEIN;
    U := ENTIER(SYC(15));
    I := ININT;
    FOR J := 1 STEP 1 UNTIL I DO ESP(J) := ININT;
    EZ := 1;
    JAHRAN(1) := 0;
    FOR I := 2 STEP 1 UNTIL 9 DO JAHRAN(I) := JAHRAN(I - 1) + JAHRAN(I - 1);
    FOR MON := ANF STEP 1 UNTIL MEND DO
    BEGIN
      NZA := 0;
      NL(1);
      OUTTEXT("EINGRIFFE ");
      FOR I := 1 STEP 1 UNTIL NEIN DO
      BEGIN
        IF ENTIER(EIN(I, 1)) <= MON AND ENTIER(EIN(I, 2)) >= MON AND MOD(MON,
ENTIER(EIN(I, 3))) = 0 THEN
        BEGIN
          NZA := NZA + 1;
          OUTTEXT("D");
          OUTINT(I, 3);
          FOR J := 1 STEP 1 UNTIL 8 DO
          AKTEIN(NZA, J) := EIN(I, J + 3)
        END
      END I;
      IF MON = ESP(EZ) THEN
      BEGIN
        LL: K := ININT;
        IF K = 10 THEN GOTO LLL;
        IF K <= 3 OR K = 6 OR K = 11 THEN L := 3;
        IF K = 4 OR K = 5 THEN L := 2;
        IF K = 7 THEN L := 7;
        IF K = 9 THEN L := 6;
        IF K = 8 THEN L := 12;
        NZA := NZA + 1;
        OUTTEXT("M");
        OUTINT(K, 3);
        AKTEIN(NZA, 1) := K;
        FOR J := 2 STEP 1 UNTIL L + 1 DO
        AKTEIN(NZA, J) := INREAL;
        GOTO LL;
```

```
      LLL: END MONESP;
      IF NZA > 0 THEN
      BEGIN
        INTEGER ZI, ZA;


        REAL PROCEDURE NAEZI;
        BEGIN
          ZI := ZI + 1;
          NAEZI := AKTEIN(ZA, ZI)
        END;


        PROCEDURE MAEND(WERT);
          ARRAY WERT;
        BEGIN
          INTEGER I, J;
          I := ENTIER(NAEZI);
          J := ENTIER(NAEZI);
          IF J > 100 THEN WERT(I, J - 100) := NAEZI ELSE WERT(I, J) := WERT(I,
J) + NAEZI
        END;


        PROCEDURE VAEND(VEK);
          ARRAY VEK;
        BEGIN
          INTEGER I;
          I := ENTIER(NAEZI);
          IF I > 100 THEN VEK(I - 100) := NAEZI ELSE
          VEK(I) := VEK(I) + NAEZI
        END;


        FOR ZA := 1 STEP 1 UNTIL NZA DO
        BEGIN
          SWITCH VERTEILER := V1, V2, V3, V4, V5, V6, V7, V8, V9, V10, V11;
          ZI := 0;
          I := ENTIER(NAEZI);
          GOTO VERTEILER(I);
          V1:MAEND(HD);
          GOTO V10;
          V2:MAEND(INST);
          GOTO V10;
          V3:J := ENTIER(NAEZI);
          K := ENTIER(NAEZI);
          IF K > 99 THEN
          WO(J, K - 100) := ENTIER(NAEZI)
          ELSE WO(J, K) := WO(J, K) + ENTIER(NAEZI);
          GOTO V10;
          V4:VAEND(SYC);
          GOTO V10;
          V5:VAEND(UST);
          GOTO V10;
```

```
    V6: MAEND(EMERG);
    GOTO V10;
    V7: J := ENTIER(NAEZI);
    FOR K := 1, 2, 3, 4, 6, 7 DO
    EMERG(J, K) := NAEZI;
    EMERG(J, 5) :=
    IF EMERG(J, 2) > 1 THEN INST(EMERG(J, 3),
    EMERG(J, 4)) ELSE HD(EMERG(J, 3),
    EMERG(J, 4));
    IF AKTEM < J THEN AKTEM := J;
    GOTO V10;
    V8:J := ENTIER(NAEZI);
    IF NEIN < J THEN NEIN := J;
    FOR K := 1 STEP 1 UNTIL 11 DO EIN(J, K) := NAEZI;
    GOTO V10;
    V11:J := ENTIER(NAEZI);
    K := ENTIER(NAEZI);
    UMSETZ(J, K, ENTIER(NAEZI));
    GOTO V10;
    V9:J := ABS(ENTIER(AKTEIN(ZA, 2)));
    K := ENTIER(AKTEIN(ZA, 3));
    L := ENTIER(AKTEIN(ZA, 4));
    IF J < 1.5 THEN A := HD(K, L) ELSE
    BEGIN
      IF J > 2.5 THEN A := WO(K, L) ELSE
      A := INST(K, L)
    END;
    IF (A > AKTEIN(ZA, 5) AND AKTEIN(ZA, 2) > 0)
    OR (A < AKTEIN(ZA, 5) AND AKTEIN(ZA, 2) < 0)
    THEN EIN(AKTEIN(ZA, 6), 2) := AKTEIN(ZA, 7);
  V10: END ZA;
  IF MON = ESP(EZ) THEN EZ := EZ + 1
END EINGRIFF;
HD(16, 1) := (HD(11, 2) + HD(18, 2)) * 4;
KAPA := ZEIT(1, 10);
PLAN := ZEIT(5, 2);
PG := ZEIT(3, 11);
WER := ZEIT(2, 3);
PB := ZEIT(4, 2);


COMMENT BEVOELKERUNGSMODELL;
GRENZ(1) := HD(1, 2) + HD(1, 3);
GREP(1) := HD(1, 17);
FOR I := 2 STEP 1 UNTIL E DO
BEGIN
  GRENZ(I) := GRENZ(I - 1) + HD(I, 2) + HD(I, 3);
  GREP(I) := GREP(I - 1) + HD(I, 17)
END I;
OUTIMAGE;
OUTINT(MON, 6);
INST(7, 3) := GRENZ(E);
INST(7, 5) := GREP(E);
BEV := Q;
```

```
FOR I := 1 STEP 1 UNTIL 9 DO
BEGIN
  OUTINT(ALGRU(I), 5);
  REST(J, ALAB(I), ALGRU(I),
  SYC(8) * 0.0833 * STERIN(I));
  ALGRU(I) := ALGRU(I) - J;
  BEV := BEV + ALGRU(I);
  REST(K, TSUM(I), J, 0.5);
  OUTINT(J, 5);
  IF I > 3 AND I < 9 THEN
  BEGIN
    FOR J := 1 STEP 1 UNTIL K DO
    BEGIN
      LTOT:L := RANDINT(1, GRENZ(E), U);
      FOR M := 1 STEP 1 UNTIL E DO
      BEGIN
        IF L <= GRENZ(M) THEN
        BEGIN
          IF ALTER(M, I - 3) > 0 THEN
          BEGIN
            ALTER(M, I - 3)
            := ALTER(M, I - 3) - 1;
            WOMIN(M, 1);
            IF HD(M, 2) >= 1 THEN
            HD(M, 2) := HD(M, 2) - 1 ELSE HD(M, 3) := HD(M, 3) - 1;
            GOTO LE2
          END ELSE GOTO LTOT
        END LGR
      END M;
    LE2: END J
  END IGR3KL9;
  IF I > 8 THEN
  BEGIN
    FOR J := 1 STEP 1 UNTIL K DO
    BEGIN
      LPES:L := RANDINT(1, GREP(E), U);
      FOR M := 1 STEP 1 UNTIL E DO
      BEGIN
        IF L <= GREP(M) THEN
        BEGIN
          IF HD(M, 17) >= 1 THEN
          BEGIN
            HD(M, 17) := HD(M, 17) - 1;
            WOMIN(M, 1);
            GOTO LE1
          END ELSE GOTO
          LPES
        END LGR
      END M;
    LE1: END J
  END IGR8
END IIIIIIIIIIIII;
FOR I := 9 STEP - 1 UNTIL 2 DO
BEGIN
```

```
        REST(K, ALZU(I), ALGRU(I - 1), 1 / (JAHRIN(I - 1) * 12));
        IF K > 0 THEN
        BEGIN
          ALGRU(I) := ALGRU(I) + K;
          ALGRU(I - 1) := ALGRU(I - 1) - K;
          IF I = 4 THEN
          BEGIN
            REST(T, LESUM, K, 0.8);
            ALGRU(I) := ALGRU(I) - K + T
          END I4;
          IF I > 5 THEN
          BEGIN
            GRENZ(1) := ALTER(1, I - 4);
            FOR J := 2 STEP 1 UNTIL E DO GRENZ(J) := GRENZ(J - 1) + ALTER(J, I -
4);
            REST(R, ARE, K, 0.5);
            FOR J := 1 STEP 1 UNTIL R DO
            BEGIN
              LALT:L := RANDINT(1, GRENZ(E), U);
              FOR M := 1 STEP 1 UNTIL E DO
              BEGIN
                IF L <= GRENZ(M) THEN
                BEGIN
                  ALTER(M, I - 4) := ALTER(M, I - 4) - 1;
                  IF I < 9 THEN ALTER(M, I - 3) := ALTER(M, I - 3) + 1 ELSE
                  BEGIN
                    HD(M, 2) := HD(M, 2) - 1;
                    HD(M, 17) := HD(M, 17) + 1
                  END;
                  GOTO LE3
                END NG
              END M;
            LE3: END J;
          END IGR4;
        END KGR0
      END IIIII;
      REST(K, KIND, INST(7, 3), SYC(9) * 0.083333);
      OUTINT(K, 5);
      ALGRU(1) := ALGRU(1) + K;
      FOR I := 1 STEP 1 UNTIL 3 DO Q := Q + ALGRU(I);
      INST(7, 1) := BEV;
      INST(7, 2) := Q;
      INST(7, 4) := KPF := Q / INST(7, 3);


      COMMENT LEHRLINGSWECHSEL;
      IND(1) := 7;
      IND(2) := 17;
      IND(3) := 5;
      IND(4) := 16;
      FOR I := 1, 2 DO
      BEGIN
        M := IND(I + 2);
        L := IND(I);
```

```
  REST(K, ABIL(I), HD(L, 2), 0.027777);
  REST(P, ARZU(I), K, 0.6);
  REST(Q, NABIL(I), HD(L, 3), 0.027777);
  REST(R, NARZU, Q, 0.5);
  A := HD(L, 14) / (HD(L, 2) + HD(L, 3));
  HD(M, 14) := HD(M, 14) + K * A;
  HD(L, 14) := HD(L, 14) - (K + Q) * A;
  HD(6, 14) := HD(6, 14) + Q * A;
  HD(L, 2) := HD(L, 2) - K;
  HD(M, 3) := HD(M, 3) + P;
  ALTER(M, 2) :=
  ALTER(M, 2) + P;
  HD(L, 3) := HD(L, 3) - Q;
  HD(6, 3) := HD(6, 3) + R;
  ALTER(6, 2) :=
  ALTER(6, 2) + R;
  K := K + Q;
  ALTER(L, 1) := ALTER(L, 1) - K;
  IF WO(1, L) > K THEN WO(1, L) :=
  WO(1, L) - K ELSE
  BEGIN
    WO(6, L) := WO(6, L) - (K - WO(1, L));
    WO(1, L) := 0
  END
END;
IND(7) := HD(7, 1) - HD(7, 2);
IND(17) := HD(17, 1) - HD(17, 2);
M := IF HD(5, 9) > HD(16, 9) THEN 7 ELSE 17;
N := IF M = 7 THEN 17 ELSE 7;
P := IF T < IND(M) THEN T ELSE IND(M);
IND(M + 1) := IF P = T THEN P - ENTIER(0.1 * P) ELSE P;
IND(N + 1) := T - IND(M + 1);
P := 0;
FOR I := M, N DO
BEGIN
  HD(I, 2) := HD(I, 2) + IND(I + 1);
  P := P + IND(I + 1);
  ALTER(I, 1) :=
  ALTER(I, 1) + IND(I + 1)
END;
IF T > P THEN
BEGIN
  FOR I := 17, 7 DO
  BEGIN
    R := ENTIER(0.5 * (T - P) + 0.5);
    HD(I, 3) := HD(I, 3) + R;
    ALTER(I, 1) := ALTER(I, 1) + R
  END
END;
M := 0;
FOR I := 1 STEP 1 UNTIL E DO
BEGIN
  A := 0;
  K := L := 0;
```

```
  M := M + HD(I, 2) + HD(I, 3);
  FOR J := 1 STEP 1 UNTIL 5 DO
  BEGIN
    A := A + ALTER(I, J) *
    (JAHRAN(J + 3) + JAHRIN(J + 3) / 2);
    L := L + WO(J, I);
    K := K + ALTER(I, J);
  END J;
  WO(6, I) := HD(I, 2) + HD(I, 3) + HD(I, 17) - L;
  IF K > 0 THEN HD(I, 6) := (A / K) / 8.57143 ELSE HD(I, 6) := 0
END;


COMMENT WOHNUNGSBERECHNUNG;
FOR I := 1 STEP 1 UNTIL 5 DO
BEGIN
  K := 0;
  FOR J := 1 STEP 1 UNTIL E DO K := K + WO(I, J);
  L := WO(I, 0) - K;
  IF L > 0 THEN
  BEGIN
    A := WO(I, E + 1);
    FOR K := 1 STEP 1 UNTIL E DO
    BEGIN
      IF A < 0.25 * HD(K, 12) AND A > 0.1 * HD(K, 12)
      THEN
      BEGIN
        J := WO(6, K);
        IF L > WO(6, K) THEN
        BEGIN
          WO(I, K) := WO(I, K) + J;
          L := L - J;
          WO(6, K) := 0
        END ELSE
        BEGIN
          WO(6, K) := J - L;
          WO(I, K) := WO(I, K) + L;
          GOTO L1
        END
      END ALESS
    END K
  END LGROE;
L1: END I;
A := 0;
FOR I := 5 STEP 1 UNTIL 8 DO A := A + ALGRU(I);
INST(7, 11) := A / INST(7, 3) + KPF;
INST(7, 12) := ALGRU(9) / INST(7, 5);
INST(6, 1) := 1 / UST(8) * SYC(17) + 1 / UST(9) * SYC(18);
INST(2, 16) := INST(2, 5);
FOR I := 6, 8, 3, 17, 15 DO INST(2, I) := 0;
LONST := ENERG := ENT := AME := LME := 0;
INST(3, 10) := 0;
```

```
COMMENT LOHNERWARTUNGEN;
FOR J := 1 STEP 1 UNTIL 5 DO WO(J, E + 2) := 0;
C1 := 0;
FOR I := 1 STEP 1 UNTIL E DO
BEGIN
  A := 0;
  K := 0;
  HD(I, 25) := 0;
  FOR J := 1 STEP 1 UNTIL 5 DO
  BEGIN
    A := A + WO(J, I) * WO(J, E + 1);
    K := K + WO(J, I);
    WO(J, E + 2) := WO (J, E + 2) + WO(J, I)
  END;
  HD(I, 15) := IF K < 1 THEN 0 ELSE A / K;
  INST(2, 3) := INST(2, 3) + A;


  COMMENT BERECHNUNG DER LOHNSTEUER DER AUSGABEN USW;
  C := HD(I, 24) - (HD(I, 24) - 1) * SYC(7);
  A := (1 / UST(8)) * SYC(17);
  B := (1 / UST(9)) * SYC(18);
  HD(I, 12) := HD(I, 15) + (A + B) * HD(I, 24) * INST(7, 11);
  A := A * C;
  B := B * C;
  AR(2) := HD(I, 9);
  AR(3) := HD(I, 20);
  AR(17) := HD(I, 19);
  INST(2, 15) := INST(2, 15) + HD(I, 3) * AR(3);
  AR(4) := 1;
  AR(5) := IF 0.75 * C >= 1 THEN 0.75 ELSE 1 / C;
  AR(19) := IF 0.5 * C >= 1 THEN 0.5 ELSE 1 / C;
  AR(6) := AR(7) := INST(7, 11);
  AR(21) := INST(7, 12);
  FOR K := 2, 3, 17 DO
  BEGIN
    C := AR(K + 2);
    M := HD(I, K);
    H := IF I = 7 OR I = 17
    THEN 1 ELSE AR(K + 4);
    LME := LME + C * H * A * M;
    AME := AME + C * H * B * M;
    IF AR(K) > SYC(2) THEN
    BEGIN
      D := SYC(5) * ((AR(K) - SYC(2)) / SYC(3));
      G := SYC(1) + D;
      IF G > SYC(4) THEN G := SYC(4);
      G := G * AR(K);
      LONST := LONST + M * G
    END ELSE G := 0;
    IF K = 2 THEN HD(I, 16) := G;
    D := C * A * H + C * H * B + HD(I, 15) + G;
```

```
    COMMENT DI ST DIE SUMME DER AUSGABEN;
    D := AR(K) - D;
    L := IF K > 3 THEN 18 ELSE 14;
    HD(I, L) := HD(I, L) + D * M;
    HD(I, 25) := IF D < 0 THEN HD(I, 25) + K ELSE HD(I, 25);
    ENERG := ENERG + SQRT(HD(I, 24)) * M * UST(2);
    ENT := ENT + (C ** 0.4) * M * UST(4);
  END KKKKKKKKKKK;
  FOR J := 14, 18 DO
  BEGIN
    A := HD(I, J);
    K := IF A < 0 THEN 6 ELSE 7;
    A := A * SYC(K) / 12;
    INST(3, 10) := INST(3, 10) - A;
    HD(I, J) := HD(I, J) + A;
    C1 := C1 + HD(I, J)
  END J;
  IF HD(I, 8) < 1 THEN HD(I, 8) := HD(I, 10);
  A := HD(I, 9);
  B := HD(I, 8);
  C := HD(I, 12) + HD(I, 16);
  D := A / HD(5, 9);
  G := HD(I, 11);
  IF A > C THEN
  BEGIN
    IF A > B THEN HD(I, 8) := B + 0.1 * (A - B)
    ELSE HD(I, 8) := B - 0.05 * (B - A);
    HD(I, 24) := HD(I, 24) + 0.05 * HD(I, 24);
  END ELSE
  BEGIN
    HD(I, 24) := HD(I, 24) - 0.09 * HD(I, 24);
    IF HD(I, 24) < 1
    THEN HD(I, 24) := 1;
    IF D < G THEN
    BEGIN
      H := G * HD(5, 9);
      IF B < H THEN HD(I, 8) := B + 0.2 * (H - B);
      HD(I, 11) :=
      G - 0.02 * G
    END ELSE HD(I, 11) := G + 0.02 * G
  END;
  IF I <= 7 OR (I >= 14 AND I <= 15) THEN
  BEGIN
    IF I < 8 THEN GEW := INST(1, 14) ELSE GEW := INST(3, 14);
    IF GEW > 0 THEN HD(I, 8) := HD(I, 8) + .01 * HD(I, 9)
  END;
END LOHNERWARTUNG;
ROLAK := 0;
Q := 0;
G := IF SYC(11) > 7 THEN 7 ELSE SYC(11);
SYC(11) := SYC(11) - 0.1 * SYC(11);
AR(8) := 3;
AR(9) := 1.5;
AR(10) := 0.3;
```

```
      AR(11) := 1;
      AR(12) := 2;
      AR(13) := 1.5;
      AR(18) := 0.2;
      G := G / 7;
      FOR I := 8, 9, 10, 11, 12, 13, 18 DO
      G := G + (HD(I, 4) / HD(I, 5)) * AR(I);
      G := (G / 10.5) * 7;
      INST(4, 1) := G;
      INST(4, 2) := SYC(11);
      FOR I := 1 STEP 1 UNTIL E DO
      BEGIN
        A := (HD(I, 9) - HD(I, 8)) / (INST(6, 1) * 10);
        IF A < - 1.4 THEN A := -1.4;
        B := 2.466 * LN(A + 1.5) - 1;
        HD(I, 7) := IF A < 0.5 THEN B ELSE 0.7095 + 0.2 * (A - .5);
        IF HD(I, 7) < - 1 THEN HD(I, 7) := -1;
        IF HD(I, 7) > 1 THEN HD(I, 7) := 1;


        COMMENT BERECHNUNG ARBEITSPLATZFLUKTUATION UND ERFAHRUNG;
        B := HD(I, 2) + HD(I, 3);
        IF B = 0 THEN A := HD(I, 23) := 0 ELSE
        A := HD(I, 23) := (G * 3 + 7 - (WO(6, I) / B) * 7 + (7 - (HD(I, 3) / B)
* 7) * 4 + 7 - HD(I, 13 ) / 80) * 7 / 9;
        C := 0.02 - (A / 7) * 0.01;
        D := 0.01 + (A / 7) * 0.01;
        Q := Q + HD(I, 2);
        ROLAK := ROLAK + A * HD(I, 2);
        A := (HD(I, 9) - HD(I, 10)) / INST(6, 1);
        IF A > 65 OR A < - 65 THEN A := 65 * SIGN(A);
        ZWQ := IF A > 0.1 THEN SQRT(A) ELSE 0.2;
        AWQ := IF A < - 0.1 THEN SQRT( - A) ELSE 0.2;
        IF HD(I, 7) > 0 THEN AWQ := AWQ - (0.5 * AWQ * HD(I, 7));
        IF HD(I, 7) < 0 THEN AWQ := AWQ + AWQ * ABS(HD(I, 7));
        K := 0;
        AWQ := AWQ * C * HD(I, 2);
        FOR J := 1 STEP 1 UNTIL 5 DO
        BEGIN
          T := ALTER(I, J);
          IF T > 0 THEN
          BEGIN
            REST(L, KUMAB(I, J), AWQ, FLUK(J));
            IF L > 0 THEN
            BEGIN
              L := IF T > L THEN L ELSE T;
              IF ALGRU(J + 3) >= 2 * L THEN
              BEGIN
                ALGRU(J + 3) := ALGRU(J + 3) - 2 * L;
                M := RANDINT(1, 3, U);
                ALGRU(M) := ALGRU(M) - KPF;
                K := K + L;
                ALTER(I, J) := ALTER(I, J) - L;
                T := HD(I, 2) + HD(I, 3);
```

```
          IF T > 0 THEN
          HD(I, 14) := HD(I, 14) - L * HD(I, 14) / T;
          WOMIN(I, L);
        END
      END
    END
  END;
  HD(I, 2) := HD(I, 2) - K;
  HD(I, 21) := K;
  K := 0;
  M := HD(I, 1) - HD(I, 2);
  IF M > 0 THEN
  BEGIN
    T := HD(I, 3);
    IF T < M THEN
    BEGIN
      M := M - T;
      HD(I, 2) := HD(I, 2) + T;
      HD(I, 3) := 0;
    END ELSE
    BEGIN
      HD(I, 3) := T - M;
      HD(I, 2) := HD(I, 2) + M;
      M := 0
    END;
    FOR J := 1 STEP 1 UNTIL 5 DO
    BEGIN
      L := RANDINT( -10, 10, U);
      T := ENTIER(POOL(I, J) + L * 0.01 * POOL(I, J));
      REST(L, KUMZU(I, J), T, FLUK(J) * ZWQ * D);
      IF L > M - K THEN L := M - K;
      IF L > 0 THEN
      BEGIN
        ALTER(I, J) := ALTER(I, J) + L;
        K := K + L;
        ALGRU(J + 3) := ALGRU(J + 3) + L * 2;
        T := RANDINT(1, 3, U);
        ALGRU(T) := ALGRU(T) + 2;
        T := HD(I, 2) + HD(I, 3);
        IF T > 0 THEN
        HD(I, 14) := HD(I, 14) + L * HD(I, 14) / T;
      END
    END
  END ELSE
  BEGIN
    HD(I, 3) := HD(I, 3) - M;
    HD(I, 2) := HD(I, 2) + M
  END;
  HD(I, 2) := HD(I, 2) + K;
  HD(I, 22) := K;
  WO(6, I) := WO(6, I) + K;
END I - SCHLEIFE;
ROLAK := INST(5, 1) := ROLAK / Q;
```

```
COMMENT INTERNE FLUKTUATION;
FOR I := 1 STEP 1 UNTIL E DO
BEGIN
  J := HD(I, 1) - HD(I, 2);
  IF J > 0 THEN
  BEGIN
    FOR K := 1 STEP 1 UNTIL E DO
    BEGIN
      IF BW(I, K) > 0.5 THEN
      BEGIN
        A := IF HD(I, 9) > HD(K, 20) THEN 0.3 ELSE 0.1;
        L := ENTIER(A * HD(K, 3));
        IF L > J THEN L := J;
        UMSETZ(K, I, L);
        J := J - L
      END;
      IF BW(I, K) = 2 THEN
      BEGIN
        A := IF HD(I, 9) > HD(K, 9) THEN 0.2 ELSE 0.01;
        L := ENTIER(A * HD(K, 2));
        IF L > J THEN L := J;
        UMSETZ(K, I, L);
        J := J - L
      END
    END
  END
END I;
FOR I := 1 STEP 1 UNTIL 18 DO
BEGIN
  HD(I, 27) := HD(I, 26) / (HD(I, 1) * HD(I, 28));
  HD(I, 26) := HD(I, 26) - ((1 / 240) * HD(I, 1) * HD(I, 28));
  IF HD(I, 26) < 0 THEN HD(I, 26) := 0;
  IF HD(I, 27) > 2 THEN HD(I, 27) := 2
END;


COMMENT BERECHNUNG DER BETRIEBSOPTIMA UND EFFEKTIVITAETEN;
HD(5, 5) := HD(5, 2);
HD(6, 5) := HD(5, 5) * 0.2;
HD(7, 5) := HD(7, 2);
HD(8, 5) := BEV / 1333;
HD(9, 5) := (ALGRU(2) + ALGRU(3) + 0.3333 * ALGRU(1)) / SYC(14);
HD(10, 5) := BEV / 100;
HD(11, 5) := BEV / 500;
HD(12, 5) := BEV / 333;
HD(13, 5) := BEV / 65;
HD(14, 5) := HD(15, 2) / 6;
HD(15, 5) := INST(3, 13) / 9113920;
IF HD(15, 5) < 1 THEN HD(15, 5) := 1;
HD(16, 5) := HD(11, 2) * 4 + HD(18, 2) * 3;
HD(17, 5) := HD(17, 2);
HD(18, 5) := BEV / 800;
PD := HD(5, 2);
```

```
      HD(1, 5) := PD * 0.03;
      HD(2, 5) := PD * 0.05;
      HD(3, 5) := PD * 0.025;
      NNAN := 0;
      FOR I := 1 STEP 1 UNTIL 7 DO NNAN := NNAN + HD(I, 2);
      HD(4, 5) := NNAN * 0.03;
      FOR I := 1 STEP 1 UNTIL E DO
      BEGIN
        HD(I, 5) := HD(I, 5) * 40;
        IF HD(I, 2) >= 1 THEN
        BEGIN
          A := (HD(I, 2) * 40) / HD(I, 5);
          IF A <= 1 THEN HD(I, 4) :=
          (A ** 2) ELSE
          BEGIN
            IF A <= 3 THEN HD(I, 4) := SQRT(1 -
            (A - 1) / 2.5)
            ELSE HD(I, 4) := 0.44
          END
        END ELSE HD(I, 4) := 0;
        HD(I, 4) := IF HD(I, 13) <= 100 + HD(I, 7) * 25 THEN
    HD(I, 4) * SQRT(1 - HD(I, 13) / (100 + HD(I, 7) * 25)) * HD(I, 2) * HD(I,
13) * 0.37714 * SQRT(HD(I, 23))
    ELSE 0;



        COMMENT STREIK;
        G := IF I = 7 OR I = 17 THEN 1 ELSE INST(7, 11);
        IF (HD(I, 9) < HD(I, 20) OR HD(I, 9) < INST(6, 1) * G + HD(I, 15)) AND
(NOT(I = 8) AND NOT(I = 11) AND NOT(I = 18)) THEN HD(I, 4) := 0;
        HD(I, 4) := HD(I, 4) * HD(I, 27);
      END EF WERTE AXIMA = 7;



      COMMENT BERECHNUNG DER PLANUNGSGUETE USW;
      FOR I := 36 STEP - 1 UNTIL 2 DO FOR J := 1 STEP 1 UNTIL 6 DO
      ZEIT(J, I) := ZEIT(J, I - 1);
      J := 0;
      FOR I := 5, 1, 2, 4 DO
      BEGIN
        J := J + 1;
        ZEIT(I, 1) := ((HD(J, 4) / HD(J, 5)) * 7 + HD(J, 6) + ((HD(J, 7) + 1) *
3.5)) / 3
      END JI;
      PD := HD(5, 4) * (HD(6, 4) / HD(6, 5)) / 6;
      A := PD + (PLAN / 7 * 0.2 * PD) + (HD(5, 6) / 7 * 0.2 * PD);
      A := A * UST(14);
      INST(1, 12) := 0.15 * ((7 - ZEIT(3, 3)) / 7) * ZEIT(6, 3);
      INST(1, 3) := IF A > INST(1, 12) THEN ENTIER(A - INST(1, 12))
      ELSE 0;
      IF INST(1, 3) > INST(4, 4) THEN INST(1, 3) := INST(4, 4);
      ZEIT(3, 1) := (HD(5, 7 ) + 1.001) * (KAPA / 2);
      IF INST(1, 3) > INST(1, 1) THEN INST(1, 3) := INST(1, 1);
      INST(1, 2) := INST(1, 2) + INST(1, 3);
```

```
      INST(1, 1) := INST(1, 1) -
      INST(1, 3);


      COMMENT VERKAUF;
      K := RANDINT( -500, 500, U);
      ANFQ := SYC(16) + K;
      AQ := ANFQ + (WER / 7 * ANFQ) + (PG / 7 * ANFQ);
      IF INST(1, 13) > INST(1, 15) THEN INST(1, 11) := ENTIER (AQ * ((500 /
INST(1, 13)) ** 2) + 0.5)
      ELSE INST(1, 11) := ENTIER(AQ * (LN((INST(1, 15) / INST(1, 13) - 0.9) *
100) / 2.302585) + 0.5);
      I := INST(4, 3);
      J := INST(1, 11);
      K := INST(1, 2);
      IF J > K
      THEN
      BEGIN
        INST(1, 4) := IF K > I THEN I ELSE K
      END
      ELSE
      BEGIN
        INST(1, 4) := IF I < J THEN I ELSE J
      END;
      ZEIT(6, 1) := INST(1, 4);
      INST(1, 2) := INST(1, 2) - INST(1, 4);
      INST(1, 16) := INST(1, 5);


      COMMENT KAPITALBERECHNUNG;
      FOR I := 5, 6 DO FOR J := 11, 12, 13 DO INST(I, J) := 0;
      INST(1, 6) := INST(1, 17) := 0;
      FOR I := 1 STEP 1 UNTIL 7 DO
      BEGIN
        INST(1, 6) := INST(1, 6) + HD(I, 9) *
        HD(I, 2);
        INST(1, 17) := INST(1, 17) + HD(I, 17) * HD(I, 19)
      END;
      A := IF INST(1, 5) < 0 THEN SYC(19) ELSE SYC(20);
      INST(1, 10) := INST(1, 5) * A / 12;
      INST(1, 8) := INST(1, 4) * INST(1, 13);
      INST(1, 7) := UST(1) * INST(1, 8);
      INST(1, 9) := INST(1, 1) * .5 + INST(1, 2);
      INST(1, 9) := INST(1, 9) + HD(5, 2) * 2 + HD(1, 2) * 15 + HD(2, 2) * 250 +
HD(3, 2) * 200 + HD(4, 2) * 5 + HD(7, 2) * 10;
      FOR I := -6, -7, 8, -9, 10, -17 DO
      BEGIN
        B := INST(1, ABS(I));
        IF I < 0
        THEN INST(5, 11) := INST(5, 11) + B ELSE INST(6, 11) := INST(6, 11) + B;
        INST(1, 5) := INST(1, 5) + B * SIGN(I)
      END KAPITAL FABRIK;
```

```
COMMENT EINNAHMEN UND AUSGABEN STADTVERWALTUNG;
FOR I := 9, 10, 12, 13 DO
BEGIN
  INST(2, 6) := INST(2, 6) + HD(I, 2) * HD(I, 9);
  INST(2, 17) := INST(2, 17) + HD(I, 17) * HD(I, 19)
END;
FOR I := 8, 11, 16, 18 DO
INST(2, 17) := INST(2, 17) + HD(I, 17) * HD(I, 19);
INST(2, 8) := INST(2, 8) + INST(1, 7);
ENERG := ENERG + 0.5 * INST(1, 3) * UST(2);
ENT := ENT + 0.75 * INST(1, 3) * UST(4);
INST(2, 1) := ENERG;
INST(2, 2) := ENT;
INST(2, 4) := LONST;


COMMENT BEZAHLUNG LEHRLINGE;
B := HD(17, 2) * HD(17, 9);
AR(3) := (LME / (LME + AME)) * B;
AR(4) := (AME / (LME + AME)) * B;


COMMENT KAUFLEUTE;
AR(1) := LME;
AR(2) := AME;
IND(1) := 11;
IND(2) := 18;
M := HD(11, 2) * UST(12);
P := M + HD(18, 2) * UST(12);
IND(3) := (HD(16, 2) * M) / P;
IND(4) := HD(16, 2) - IND(3);
IND(5) := 5;
IND(6) := 7;
FOR I := 1, 2 DO
BEGIN
  K := IND(I);
  L := IND(I + 4);
  A := AR(I);
  INST(L, 8) := A;
  INST(L, 6) := IND(I + 2) * HD(16, 9);
  INST(L, 9) := A * UST(I + 7);
  INST(L, 7) := A * UST(L);
  B := SYC(12) * HD(K, 2);
  INST(2, 3) := INST(2, 3) + B;
  HD(K, 9) := A - INST(L, 6) - INST(L, 9) - INST(L, 7) - B - AR(I + 2);
  INST(2, 8) := INST(2, 8) + INST(L, 7);
  IF HD(K, 2) > 0 THEN HD(K, 9) := HD(K, 9) / HD(K, 2);
END;


COMMENT EINNAHMEN UND AUSGABEN AERZTE;
K := ENTIER(BEV * (0.05 + 0.05 * (7 - ROLAK) / 7) + 0.5);
L := ENTIER(BEV * 0.02 + 0.5);
M := RANDINT(K - L, K + L, U);
```

```
      B := SYC(13) * HD(8, 2);
      INST(2, 3) := INST(2, 3) + B;
      HD(8, 9) := (M * SYC(10) - B) / HD(8, 2);
      INST(2, 13) := M * SYC(10);


      COMMENT BANK;
      INST(3, 16) := INST(3, 5);
      FOR I := 6, 3, 17 DO INST(3, I) := 0;
      FOR I := 14, 15 DO
      BEGIN
        INST(3, 6) := INST(3, 6) + HD(I, 2) * HD(I, 9);
        INST(3, 17) := INST(3, 17) + HD(I, 17) * HD(I, 19)
      END;
      K := IF INST(2, 5) < 0 THEN 21 ELSE 22;
      INST(2, 10) := INST(2, 5) * (SYC(K) / 12);
      INST(3, 3) := INST(2, 10) + INST(1, 10);
      C := C1 + INST(1, 5) + INST(2, 5) + INST(3, 5);
      INST(3, 12) := C1;
      INST(3, 13) := C;
      INST(3, 9) := HD(14, 2) * 100 + HD(15, 2) * 50;
      IF C > 0 THEN
      BEGIN
        K := ENTIER((1 - UST(11) / 100) * UST(10) + 0.5);
        L := RANDINT( - K, K, U);
        C := C * (UST(6) + ((1 - UST(11) / 100) * UST(13)) + L) / 100;
        INST(3, 8) := C * (((HD(14, 4) / HD(14, 5)) * 3 + HD(15, 4) / HD(15, 5))
/ 4)
      END ELSE INST(3, 8) := 0;
      IF INST(3, 8) > 400000 THEN INST(3, 8) := 400000 + RANDINT( -50000, 50000,
U);
      FOR I := -3, -6, -7, 8, 10, -9, -17 DO
      BEGIN
        B := INST(3, ABS(I));
        IF I <
        0 THEN INST(5, 13) := INST(5, 13) + B ELSE INST(6, 13) := INST(6, 13) +
B;
        INST(3, 5) := INST(3, 5) + B * SIGN(I)
      END KAPITAL BANK;
      INST(3, 14) := INST(3, 5) - INST(3, 16);
      INST(3, 7) := IF INST(3, 14) > 0 THEN INST(3, 14) * UST(3) ELSE 0;
      INST(2, 8) := INST(2, 8) + INST(3, 7);


      COMMENT GEWINN - UND VERLUSTRECHNUNG STADT;
      INST(2, 9) := (HD(10, 2) + HD(13, 2) + HD(12, 2)) * 13 + HD(9, 2) * 15 +
50 + 833;
      FOR I := -1, -2, 3, 4, -6, 8, 10, -9, -13, -17, -15 DO
      BEGIN
        B := INST(2, ABS(I));
        IF I < 0 THEN INST(5, 12) := INST(5, 12) + B ELSE INST(6, 12) :=
        INST(6, 12) + B;
        INST(2, 5) := INST(2, 5) + B * SIGN(I)
      END KAP STADT;
```

```
FOR I := 1, 2, 3 DO INST(I, 14) := INST(I, 5) - INST(I, 16);
FOR I := 1 STEP 1 UNTIL AKTEM DO
BEGIN
  A := IF EMERG(I, 2) > 1 THEN INST(EMERG(I, 3),
  EMERG(I, 4)) ELSE HD(EMERG(I, 3), EMERG(I, 4));
  B := IF EMERG(I, 1) < 1 THEN EMERG(I, 5) / A ELSE A;
  IF EMERG(I, 7) < 0 THEN
  BEGIN
    AB := IF B <
    EMERG(I, 6) THEN TRUE ELSE FALSE
  END ELSE
  BEGIN
    AB := IF B > EMERG(I, 6) THEN TRUE ELSE FALSE
  END;
  EMERG(I, 5) := A;
  IF AB THEN
  BEGIN
    OUTIMAGE;
    OUTTEXT("ABBRUCH");
    OUTINT(I, 5);
    GOTO LAUS
  END
END I;
FOR I := 1 STEP 1 UNTIL 18 DO
BEGIN
  IF HD(I, 2) > 0 AND
  HD(I, 4) <= 0 THEN
  BEGIN
    NL(2);
    OUTTEXT("STREIK");
    AB := TRUE;
    GOTO LAUS
  END
END;
IF INST(3, 13) < INST(3, 1) THEN
BEGIN
  NL(2);
  OUTTEXT("ZU HOHE VERSCHULDUNG");
  AB := TRUE;
  GOTO LAUS
END;
LAUS:
IF MOD(MON, AUS) = 0 OR AB OR MON = MEND THEN GRUNDAUS;
IF AB OR MON = MEND THEN
BEGIN
  NL(5);
  OUTINT(CODE, 10);
  OUTINT(MON + 1, 10);
  MATA(HD, WO, 1, E, 1, F, 15, 2, -1);
  MATA(INST, WO, 1, 7, 1, 17, 15, 2, -1);
  MATA(HD, ALTER, 1, E, 1, 5, 6, 0, 1);
  MATA(HD, POOL, 1, E, 1, 5, 6, 0, 1);
  MATA(ZEIT, WO, 1, 6, 1, 36, 10, 2, -1);
  VEKA(SYC, GREP, 1, 22, 10, 4, -1);
```

```
        VEKA(STERIN, GREP, 1, 9, 10, 4, -1);
        VEKA(JAHRIN, GREP, 1, 9, 10, 4, -1);
        VEKA(SYC, ALGRU, 1, 9, 15, 0, 1);
        VEKA(UST, GREP, 1, 14, 10, 4, -1);
        VEKA(FLUK, GREP, 1, 5, 10, 4, -1);
        MATA(HD, WO, 1, 6, 0, E + 1, 6, 0, 1);
        MATA(KUMZU, WO, 1, E, 1, 5, 10, 7, -1);
        MATA(KUMAB, WO, 1, E, 1, 5, 10, 7, -1);
        VEKA(ALAB, GREP, 1, 9, 10, 7, -1);
        MATA(HD, BW, 1, E, 1, E, 3, 0, 1);
        OUTINT(NEIN, 5);
        MATA(EIN, WO, 1, NEIN, 1, 11, 12, 1, -1);
        GOTO EEE
      END ABBRUCHAUSGABE;
    END MON - SCHLEIFE;
    EEE: END
END
```