```basic
10 E$=CHR$(27):CLR$=E$+"E"+E$+"H":WH=0:P$=E$+"Y":RV$=E$+CHR$(112):XRV$=E$+CHR$(113)
20 PRINT CLR$:PRINT E$;"f";E$;"0"
30 LINE INPUT "Titulo do grafico (aax 90 caracteres) ",T$
40 PRINT E$;"f";E$;"0"
50 PRINT:INPUT "Numero de item  (max 25) ",N:PRINT CLR$: DIM A(N),B(N)
60 PRINT "Quer grafico de (B)arras - grafico (S)catter - curva de (D)istribuicao? ";
70 W$=INPUT$(1):W$=UPPER$(W$)
80 IF W$="B" OR W$="S" OR W$="D" THEN PRINT CLR$:GOTO 90 ELSE PRINT CLR$:GOTO 60
90 PRINT "Entrada de dados ":PRINT:FOR X=1 TO N:PRINT"Item no ";X;
100 INPUT "",A(X):B(X)=A(X):WH=WH+A(X):NEXT
110 PRINT CLR$:IF W$="D" THEN GOSUB 420
120 FOR X=1 TO N:PRINT P$;CHR$(32);CHR$(40);"Valor";P$;CHR$(32);CHR$(42+3*X);B(X):NEXT
130 FOR Q=1 TO N:A(Q)=INT((A(Q)/WH)*100):NEXT
140 FOR M=1 TO N:HP=MAX(HP,A(M)):NEXT
150 IF HP<25 THEN RG=25:F=1
160 IF HP>=25 AND HP<50 THEN RG=50:F=2
170 IF HP>=50 AND HP<75 THEN RG=75:F=3
180 IF HP>75 THEN RG=100:F=4
190 Z=B(1):FOR M=1 TO N:H=MAX(H,B(M)):Z=MIN(Z,B(M)):NEXT:IF RG<=50 THEN RGR=5 ELSE RGR=10
200 FOR RR=33 TO 58 STEP 5:FOR BB=10 TO 90:PRINT P$;CHR$(RR);CHR$(32+BB);".";:NEXT:NEXT
210 FOR CC=42 TO 122 STEP 20:FOR BB=1 TO 25:PRINT P$;CHR$(32+BB);CHR$(CC);":" :NEXT:NEXT
220 FOR BB=1 TO 26 STEP RGR:PRINT P$;CHR$(32+BB);CHR$(42-1);RG-((BB-1)*4*RG/100):NEXT
230 IF W$="B" THEN 240 ELSE IF W$="S" THEN 270 ELSE 290
240 FOR X=1 TO N:FOR R=(58-((INT(A(X)/F))+.5)) TO 58
250 PRINT RV$;P$;CHR$(R);CHR$(42+1+3*X);"  ":NEXT:PRINT XRV$:NEXT
260 GOSUB 470:GOTO 370
270 FOR X=1 TO N:R=(58-((INT(A(X)/F))+.5)):PRINT P$;CHR$(R);CHR$(42+1+3*X);"*":NEXT
```

```basic
280 GOSUB 470:GOTO 370
290 PRINT P$;CHR$(34);CHR$(103);"Valor total=";WH;P$
300 PRINT CHR$(35);CHR$(103);"Max Item  ="H;P$;
310 PRINT CHR$(36);CHR$(103);"Min Item  =";Z;P$;
320 PRINT CHR$(37);CHR$(103);"Valor medio = ";USING "##.##";WH/N:PRINT P$
330 PRINT CHR$(38);CHR$(103);"Idade% media = ";USING "##.##";(WH/N)*100/WH
340 PRINT P$;CHR$(39);CHR$(103);"Mean Value =";B(N/2)
350 FOR X=1 TO N:FOR R=(56-((INT(A(X)/F))+.5)) TO 56
360 PRINT RV$;P$;CHR$(R);CHR$(43+3*X);"  ":NEXT:PRINT XRV$:NEXT
370 FOR X=1 TO N:PRINT P$;CHR$(32+27);CHR$(42+3*X);X:NEXT
380 FOR T=5 TO LEN("Percentagem")+5:PRINT P$;CHR$(32+T);CHR$(39);MID$("Percentagem",(T-4),1):NEX
390 PRINT P$;CHR$(32+27);CHR$(40);"Class";
400 PRINT P$;CHR$(32+28);CHR$(32+(INT((90-LEN(T$))/2)));T$;E$;"e"
410 END
420 S=1:FLAG=1
430 WHILE FLAG=1 AND S<N:FLAG=0
440 FOR V=1 TO N-1 :IF A(V)<A(V+1) THEN SWAP A(V),A(V+1):SWAP B(V),B(V+1):FLAG=1
450 NEXT:S=S+1
460 WEND:RETURN
470 PRINT P$;CHR$(34);CHR$(103);"Valor total=";WH;P$;
480 PRINT CHR$(35);CHR$(103);"Max Item  ="H;P$;
490 PRINT CHR$(36);CHR$(103);"Min Item  =";Z;P$;
500 PRINT CHR$(37);CHR$(103);"Valor medio = ";USING "##.##";WH/N:PRINT P$
510 PRINT P$;CHR$(38);CHR$(103);"Idade% media  = ";USING "##.##";(WH/N)*100/WH
520 GOSUB 420:PRINT P$;CHR$(39);CHR(103);"Mean          =";B(N/2)
530 RETURN
```