

# Facture 9

**U**ilitaire de facturation/devis utilisé à des fins personnelles et professionnelles, Facture 9 est d'un emploi très simple par l'utilisation de menus déroulants dans le choix des options et le déroulement des opérations.

Conçu sur un CPC 464 + DDI 1 + imprimante Epson LX80, ce listing tourne sur tous les CPC et normalement toutes imprimantes compatibles Amstrad. Pour utiliser les menus déroulants, déplacez le curseur à l'aide des flèches directionnelles et validez votre choix par <COPY>. Pour le reste, sui-

vez les indications que vous donnera le programme et validez avec <ENTER>. Le listing est en principe conçu pour fonctionner avec un lecteur de disquette mais il pourra aussi fonctionner sur cassette; vous serez alors privé des fonctions CAT, ERASE, RENUM... Les noms de fichiers sont sauvegardés automatiquement avec l'extension: .FAC; ils sont ainsi plus facilement repérables lors d'un catalogue. Seul un fichier ayant l'extension. FAC pourra être rechargé. Le taux de TVA peut être de 5,5 %, 7 % ou 18,6 définissable à chaque article.

**Jean-Michel BOISSERIE**

Soc. DUPONT & Cie		DOIT	
MENUISERIE EBENISTERIE		Gimik Ind.	
BOIS ALUMINIUM		24 rue Cesar	
24500 BERGERAC		06600 Erth	
TEL. (53)56.58.72.22			
DATE : 20 janvier 1987		NO DE FACTURE : 1	

REF !	DESIGNATION	Qte !	PU.HT !	NET H.T
fn/hj	matériel informatique	!	!	!
	IBM et logiciels factures	5 !	500.00 F !	2500.00 F
TOTAL HT.....			2500.00 F	
TVA .....			465.00 F	
TOTAL TTC.....			2965.00 F	

```

10 ***** [2229]
*****
20 ***** IDENTIFICATI [2753]
ON DE L'UTILISATEUR *****
30 ***** [2229]
*****

40 [117]
50 CLEAR:KEY 139,"GOTO 280"+CHR$(13 [12451]
):POKE &BDEE,201:***** ENTREE DE R
EDEMARAGE EN CAS DE PLANTAGE DU PRO
GRAMME SANS PERTE DES VARIABLES (PE
TITE TOUCHE [ENTER] ***
* ET NEUTRALISATION RESET (SHIFT/CT
RL/ESC) *****
60 GOTO 140 [409]
70 U$=" Soc. DUPONT & Cie" :'*** [3222]
*** mettre ici votre NOM *****
80 BV$=" MENUISERIE EBENISTERIE" [1439]

90 W$=" BOIS ALUMINIUM ":'** [3065]
*** et vos COORDONNEES *****
100 X$=" 24500 BERGERAC " [1775]

```

```

110 Y$=" TEL.(00)00.00.00.00" [1537]
120 RETURN [555]
130 ' [117]
140 '***** [2229]
*****
150 ' ** PROGRAMME DE FACTURATION [3387]
*** JEAN MICHEL BOISSERIE(1986)**

160 '***** [2229]
*****
170 ' [117]
180 INK 0,18:BORDER 18:INK 1,0 [1107]
190 CLS:PRINT CHR$(7):MODE 2 [1541]
200 LOCATE 1,10:PRINT STRING$(80,"* [1965]
")
210 LOCATE 28,12:PRINT "PROGRAMME d [3672]
e FACTURATION"
220 LOCATE 1,14:PRINT STRING$(80,"* [1807]
")
230 LOCATE 30,20:PRINT"* TAPEZ UNE [6536]
TOUCHE *":LOCATE 58,25:PRINT CHR$(
164);" BOISSERIE J.M"
240 ' [117]
250 '***** [2218]
*****
260 ' [117]
270 CALL &BB06 [393]
280 GOSUB 2880 [827]
290 MODE 2:WINDOW#0,1,80,3,24:WINDO [4942]
W#1,1,80,1,24:WINDOW SWAP 1,0:GOSUB
3070
300 WINDOW SWAP 1,0:CLS [1434]
310 PRINT CHR$(7):WHILE INKEY$<>"": [3063]
WEND
320 ON ph GOTO 3270,3290,3300,3310, [1553]
3330,3340
330 GOSUB 2840 [899]
340 PRINT CHR$(7) [1045]
350 CLS [91]
360 GOSUB 2880 [827]
370 ' [117]
380 '***** [1832]
*****
390 '***** IDENTIFICATION CLI [1365]
ENT *****
400 '***** [1832]
*****
410 ' [117]
420 GOSUB 70 [908]
430 PRINT [361]
440 INPUT "DATE ",DATE$ [1227]
450 PRINT [361]
460 INPUT "NOM DU CLIENT ",NOM$ [1452]
470 PRINT [361]
480 PRINT"SON ADRESSE (No et rue) [3311]
"
490 PRINT [361]
500 INPUT ADRESSE$ [1934]

```

```

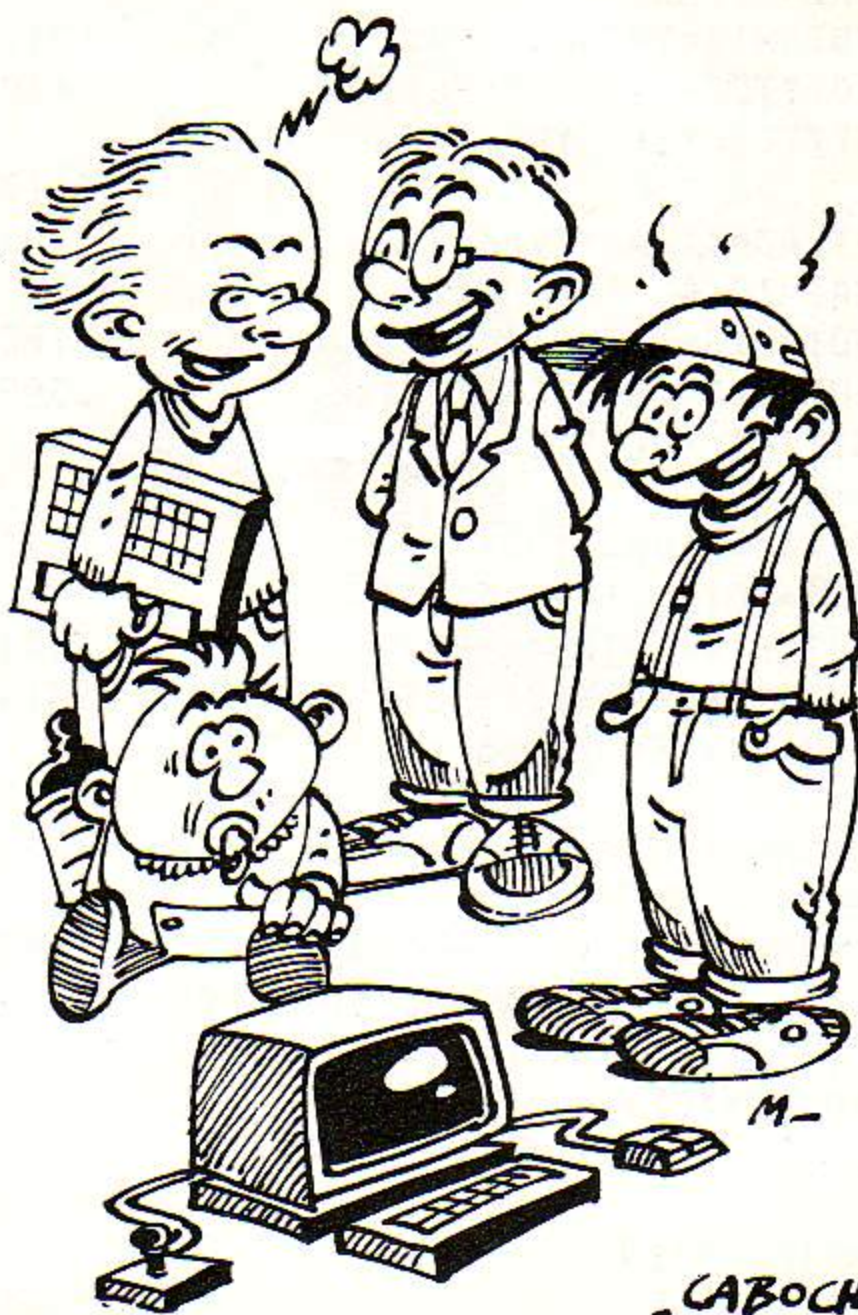
510 PRINT [361]
520 PRINT "SON CODE POSTAL ET SA VI [2827]
LLE "
530 PRINT [361]
540 INPUT CODEP$ [601]
550 PRINT [361]
560 INPUT "No DE LA FACTURE ",NF$ [2071]
570 PRINT [361]
580 ' [117]
590 '***** [1832]
*****
600 ***** 77 FACTURATION [1511]
600 ***** 72 FACTURATION
***** 70
610 '***** [1832]
***** 70
620 ' [117]
630 NA=200 [270]
640 DIM REF$(NA),DES$(NA),PUTTC(NA) [1962]
,Q(NA),PU(NA),TX(NA),NHT(NA)
650 CLS [91]
660 WHILE INKEY(46)<>128 [1677]
670 PRINT:PRINT [743]
680 I=I+1 :IF i=101 THEN PRINT" PL [2656]
US DE PLACE":GOTO 270
690 PRINT [361]
700 PRINT I [393]
710 PRINT [361]
720 INPUT "REFERENCE (4 Caracteres [3552]
maxi)",REF$(I)
730 IF LEN(REF$)>4 THEN 740 ELSE 75 [2319]
0
740 PRINT "REFERENCE TROP LONGUE ( [4757]
4 CARACTERES MAXI ! )":GOTO 710
750 PRINT [361]
760 PRINT"DESIGNATION (56 Caractere [4352]
s maxi)"
770 PRINT" | Premiere Ligne [6384]
| Seconde ligne |"
780 PRINT" ----- [3598]
-----"
790 PRINT [361]
800 INPUT DES$(I) [900]
810 PRINT [361]
820 IF LEN(DES$(I))>56 THEN 830 ELS [1397]
E 850
830 PRINT "DESIGNATION TROP LONGUE" [2929]
:GOTO 750
840 PRINT [361]
850 INPUT "QUANTITE ",Q(I) [766]
860 IF Q>9999 THEN 870 ELSE 880 [1834]
870 PRINT "QUANTITE TROP IMPORTANTE [4100]
":GOTO 840
880 PRINT [361]
890 INPUT "PRIX UNITAIRE HORS TAXE [959]
",PU(I)
900 IF PU(I)>99999.99 THEN 910 ELSE [1817]
920

```

```

910 PRINT "CHIFFRE TROP ELEVE POUR [4663]
CE PROGRAMME":GOTO 690
920 PRINT [361]
930 INPUT "TAUX DE LA T.V.A ",TX(I) [1994]
940 PRINT [361]
950 ' [117]
960 '***** [1621]
*****
970 '***** CALCULS *** [1790]
*****
980 '***** [1621]
*****
990 ' [117]
1000 MB=PU(I)*Q(I) [536]
1010 NHT(I)=MB [525]
1020 TOTNHT=TOTNHT+NHT(I) [1000]
1030 ' [117]
1040 TVAU=PU(I)*TX(I)/100 [1318]
1050 PUTTC(I)=PU(I)+TVAU [1620]
1060 ' [117]
1070 IF TX(I)=5.5 THEN 1130 [1195]
1080 IF TX(I)=7 THEN 1180 [1023]
1090 IF TX(I)=18.6 THEN 1230 [902]
1100 IF TX(I)=33.33 THEN 1280 [1170]
1110 PRINT "TAUX DE T.V.A NON CONFO [5117]
RME:5.5-7-18.6-33.33":PRINT CHR$(7)
:GOTO 920
1120 ' [117]
1130 TX1=TX(I) [593]
1140 NHT1=NHT(I) [1081]
1150 TVA1=NHT(I)*TX1/100 [1031]

```



# LISTING

```

1160 TOTTC1=NHT1+TVA1;GOTO 1370 [1645]
1170 ' [117]
1180 TX2=TX(I) [402]
1190 NHT2=NHT(I) [678]
1200 TVA2=NHT(I)*TX2/100 [1040]
1210 TOTTC2=NHT2+TVA2;GOTO 1410 [2290]
1220 ' [117]
1230 TX3=TX(I) [472]
1240 NHT3=NHT(I) [551]
1250 TVA3=NHT(I)*TX3/100 [1376]
1260 TOTTC3=NHT3+TVA3;GOTO 1450 [1800]
1270 ' [117]
1280 TX4=TX(I) [529]
1290 NHT4=NHT(I) [665]
1300 TVA4=NHT(I)*TX4/100 [695]
1310 TOTTC4=NHT4+TVA4;GOTO 1490 [1693]
1320 ' [117]
1330 '***** [1838]
***** 28
1340 '***** TOTAUX ** [2646]
*****
1350 '***** [1838]
***** 28
1360 ' [117]
1370 TTVA1=TTVA1+TVA1 [2728]
'TTVA1=TOTAL TVA 5.5
1380 TOTNHT1=TOTNHT1+NHT1 [2163]
1390 TOTTC1=TOTTC1+TOTTC1 [3014]
'TOTTC1=Tot.TTC a TVA 5.5
1400 ' [117]
1410 TTVA2=TTVA2+TVA2 [4045]
'TTVA2=TOTAL TVA 7
1420 TOTNHT2=TOTNHT2+NHT2 [2125]
1430 TOTTC2=TOTTC2+TOTTC2 [4388]
'TOTTC2=Tot.TTC a TVA 7
1440 ' [117]
1450 TTVA3=TTVA3+TVA3 [2233]
'TTVA3=TOTAL TVA 18.6
1460 TOTNHT3=TOTNHT3+NHT3 [1853]
1470 TOTTC3=TOTTC3+TOTTC3 [3082]
'TOTTC3=Tot.TTC a TVA 18.6
1480 ' [117]
1490 TTVA4=TTVA4+TVA4 [4776]
'TTVA4=TOTAL TVA 33.33
1500 TOTNHT4=TOTNHT4+NHT4 [1313]
1510 TOTTC4=TOTTC4+TOTTC4 [3146]
'TOTTC4=Tot.TTC a TVA 33.33
1520 ' [117]
1530 TOTNHT=TOTNHT1+TOTNHT2+TOTNHT3 [1889]
+TOTNHT4
1540 TTVA=TTVA1+TTVA2+TTVA3+TTVA4 [4479]
'TTVA=MONTANT TOTAL DE L
A TVA
1550 TOTTC=TOTTC1+TOTTC2+TOTTC3+ [2211]
TOTTC4 'TOTTC=TOTAL TTC
1560 ' [117]
1570 PRINT;PRINT [743]
1580 PRINT" [2306]
ON CONTINUE (O/N) ?"
1590 PRINT [361]
1600 PRINT" POUR ARR [3992]
ETER APPUYER SUR LES TOUCHES "
1610 PRINT [361]
1620 PRINT" [1573]
' CTRL ' ET ' N ' "
1630 GOSUB 2840 [899]
1640 IF INKEY(46)<>128 THEN 1650 [1247]
1650 WEND [390]
1660 PRINT;PRINT;PRINT [1082]
1670 CLS;NA=I [445]
1680 ' [117]
1690 '***** [1727]
***** 28
1700 '***** TABLEAU ** [1122]
*****
1710 '***** [1727]
***** 28
1720 ' [117]
1730 C=0 [348]
1740 PRINT#C,TAB(1)STRING$(80,"*"); [2062]
1750 PRINT #C,TAB(1)"*";TAB(80)"*"; [2541]
1760 PRINT #C,TAB(1)"*";TAB(5)U$;TA [2939]
B(80)"*";
1770 PRINT #C,TAB(1)"*";TAB(5)BV$;T [3384]
AB(39)"DOIT";TAB(80)"*";
1780 PRINT #C,TAB(1)"*";TAB(5)W$;TA [4060]
B(44)NOM$;TAB(80)"*";
1790 PRINT #C,TAB(1)"*";TAB(5)X$;TA [4659]
B(44)ADRESSE$;TAB(80)"*";
1800 ' [117]
1810 PRINT #C,TAB(1)"*";TAB(5)Y$;TA [2931]
B(44)CODEP$;TAB(80)"*";
1820 ' [117]
1830 PRINT #C,TAB(1)"*";TAB(80)"*"; [2541]
1840 PRINT #C,TAB(1)"*";TAB(8)"DATE [6388]
";TAB(15)DATE$;TAB(39)"NO DE FACT
URE ";TAB(55)NF$;TAB(80)"*";
1850 PRINT #C,TAB(1)"*";TAB(80)"*"; [2541]
1860 PRINT#C,TAB(1)STRING$(80,"*"); [2062]
1870 PRINT #C,TAB(1)"*";TAB(3)"REF" [9244]
;TAB(7)"!";TAB(20)"DESIGNATION";TAB
(41)"!";TAB(44)"Qte";TAB(49)"!";TAB
(53)"PU.HT";TAB(61)"!";TAB(66)"NET
H.T";TAB(80)"*";
1880 PRINT#C,TAB(1)STRING$(80,"-"); [2168]
1890 FOR I=1 TO NA [340]
1900 IF LEN(DES$(I))<28 THEN 1920 [1633]
1910 IF LEN(DES$(I))>27 THEN 1940 [1225]
1920 PRINT #C,TAB(1)"*";TAB(3)REF$( [9772]

```

```

I);TAB(7)"!";TAB(9)DES$(I);PRINT #
C,TAB(41)"!";TAB(44)USING"####";Q(I
);PRINT #C,TAB(49)"!";TAB(50)USING
"#####.##";PU(I);PRINT#C," F";PRI
NT #C,TAB(61)"!";
1930 PRINT #C,TAB(65)USING"#####.# [6180]
#";NHT(I);PRINT#C," F";PRINT #C,T
AB(80)"*";GOTO 1970
1940 PRINT #C,TAB(1)"*";TAB(3)REF$( [6147]
I);TAB(7)"!";TAB(9)LEFT$(DES$(I),28
);TAB(41)"!";TAB(49)"!";TAB(61)"!";
TAB(80)"*";
1950 PRINT #C,TAB(1)"*";TAB(7)"!";T [13741]
AB(9) MID$(DES$(I),29,28);PRINT #C
,TAB(41)"!";TAB(44)USING"####";Q(I)
;PRINT #C,TAB(49)"!";TAB(50)USING"
#####.##";PU(I);PRINT#C," F";PRIN
T #C,TAB(61)"!";
1960 PRINT #C,TAB(65)USING"#####.# [6069]
#";NHT(I);PRINT#C," F";PRINT #C,T
AB(80)"*";
1970 NEXT I [375]
1980 PRINT#C,TAB(1)STRING$(80,"-"); [2168]

1990 PRINT #C,TAB(1)"*";TAB(80)"*"; [2541]

2000 PRINT #C,TAB(1)"*";TAB(21)"TOT [3663]
AL HT.....";

```

```

2010 PRINT #C,TAB(55)USING"#####.# [4901]
#";TOTNHT;PRINT#C," F";PRINT #C,T
AB(80)"*";
2020 PRINT #C,TAB(1)"*";TAB(21)"TVA [3455]
.....";
2030 PRINT #C,TAB(55);USING"#####.# [4485]
#";TTVA;PRINT#C," F";PRINT #C,TA
B(80)"*";
2040 PRINT #C,TAB(1)"*";TAB(21)"TOT [9112]
AL TTC.....";TAB(53)USI
NG"#####.##";TOTTC;PRINT#C," F"
;PRINT#C,TAB(80)"*";
2050 PRINT#C,TAB(1)"*";TAB(80)"*"; [2541]

2060 PRINT#C,TAB(1)STRING$(80,"-") [2213]
2070 ' [117]
2080 '***** FIN DU TABLE [2566]
AU ***** 190
2090 ' [117]
2100 C=0 [348]
2110 LOCATE 24,22: PRINT "APPUYEZ S [4082]
UR UNE TOUCHE POUR CONTINUER"
2120 GOSUB 2840 [899]
2130 GOTO 280 [413]
2140 ' [117]
2150 '***** [1842]
***** 98
2160 '***** IMPRIMANTE [1780]
76

```

```

*****
2170 '***** [1842]
*****
2180 ' [117]
2190 C=8:WIDTH 80:CLS:LOCATE 29,12: [4773]
PRINT"* OPERATION EN COURS *":GOTO
1740
2200 ' [117]
2210 '***** [1842]
*****
2220 '***** SAUVEGARDE [1363]
*****
2230 '***** [1842]
*****
2240 ' [117]
2250 LOCATE 1,3:PRINT STRING$(80,"* [1981]
")
2260 LOCATE 21,6:PRINT "***** [2914]
*****"
2270 LOCATE 21,7:PRINT "* INTR [3746]
ODUISEZ LA DISQUETTE *"
2280 LOCATE 21,9:PRINT "* EN [2223]
TREZ NOM DU COMPTE *"
2290 LOCATE 21,11:PRINT"* [3351]
PUIS [ENTER] *"
2300 LOCATE 21,12:PRINT "***** [3050]
*****"
2310 LOCATE 1,16:PRINT STRING$(80," [1987]
*")
2320 PRINT:PRINT:PRINT [1082]
2330 INPUT " [3212]
NOM DU COMPTE ",compte$
2340 P$=compte$:OPENOUT P$+".FAC" [1055]
2350 PRINT #9,NA [1047]
2360 FOR I=1 TO NA [340]
2370 PRINT #9,U$:PRINT #9,BV$:PRINT [2921]
#9,W$:PRINT #9,X$:PRINT #9,Y$
2380 PRINT #9,DATE$:PRINT #9,NOM$:P [5967]
RINT #9,ADRESSE$:PRINT #9,CODEP$:PR
INT #9,NF%
2390 PRINT #9,REF$(I):PRINT #9,DES$ [8337]
(I):PRINT #9,PUTTC(I):PRINT #9,Q(I)
:PRINT #9,PU(I):PRINT #9,TX(I):PRIN
T #9,NHT(I)
2400 PRINT #9,TOTNHT1:PRINT #9,TOTN [7877]
HT2:PRINT #9,TOTNHT3:PRINT #9,TOTNH
T4:PRINT #9,TOTNHT
2410 PRINT #9,TTVA1:PRINT #9,TTVA2: [6100]
PRINT #9,TTVA3:PRINT #9,TTVA4:PRINT
#9,TTVA
2420 PRINT #9,TOTTTTC1:PRINT #9,TOTT [6314]
TC2:PRINT #9,TOTTTTC3:PRINT #9,TOTTT
C4:PRINT #9,TOTTC
2430 NEXT [350]
2440 CLOSEOUT [902]
2450 GOTO 280 [413]
2460 [117]

```

```

2470 '***** [1838]
*****
2480 '***** CHARGEMENT [2885]
*****
2490 '***** [1838]
*****
2500 ' [117]
2510 LOCATE 1,3:PRINT STRING$(80,"* [1981]
")
2520 LOCATE 21,6:PRINT "***** [2914]
*****"
2530 LOCATE 21,7:PRINT "* INTR [3746]
ODUISEZ LA DISQUETTE *"
2540 LOCATE 21,9:PRINT "* EN [2223]
TREZ NOM DU COMPTE *"

```



```

2550 LOCATE 21,11:PRINT "* [3202]
PUIS [ENTER] *"
2560 LOCATE 21,12:PRINT "***** [3050]
*****"
2570 PRINT:PRINT:PRINT STRING$(80," [2565]
*"):PRINT
2580 INPUT " [2708]
nom du compte";compte$
2590 PRINT:PRINT [743]
2600 P$=compte$ [733]
2610 OPENIN P$+".FAC" [822]
2620 INPUT #9,NA [824]
2630 FOR I=1 TO NA [340]
2640 INPUT #9,U$:INPUT #9,BV$:INPUT [3172]
#9,W$:INPUT #9,X$:INPUT #9,Y$
2650 INPUT #9,DATE$:INPUT #9,NOM$:I [3666]
NPUT #9,ADRESSE$:INPUT #9,CODEP$:IN
PUT #9,NF%
2660 INPUT #9,REF$(I):INPUT #9,DES$ [6407]
(I):INPUT #9,PUTTC(I):INPUT #9,Q(I)
:INPUT #9,PU(I):INPUT #9,TX(I):INPU
T #9,NHT(I)
2670 INPUT #9,TOTNHT1:INPUT #9,TOTN [5478]
HT2:INPUT #9,TOTNHT3:INPUT #9,TOTNH
T4:INPUT #9,TOTNHT

```

# LISTING

```

2680 INPUT #9,TTVA1:INPUT #9,TTVA2: [3998]
INPUT #9,TTVA3:INPUT #9,TTVA4:INPUT
#9,TTVA
2690 INPUT #9,TOTTTTC1:INPUT #9,TOTT [5750]
TC2:INPUT #9,TOTTTTC3:INPUT #9,TOTT
C4:INPUT #9,TOTTC
2700 NEXT [350]
2710 CLOSEIN [752]
2720 C=0 [348]
2730 CLS:GOTO 1740 [1047]
2740 FOR I=1 TO NA [340]
2750 PRINT #0,REF$,DES$,PUTTC,Q,PU, [1732]
TX,NHT
2760 NEXT [350]
2770 ' [117]
2780 '***** [1842]
*****
2790 '***** FIN *** [1355]
*****
2800 '***** [1842]
*****
2810 ' [117]
2820 INK 0,1:INK 1,26:BORDER 1:PAPE [2742]
R 0:PEN 1:MODE 1:END
2830 END [110]
2840 CALL &BB18 [389]
2850 RETURN [555]
2860 ' [117]
2870 '***** [1882]
*****
2880 '**** INITIALISATION DES VARIA [3779]
BLES (MENU DER.) ****
2890 '***** [1882]
*****
2900 ' [117]
2910 RESTORE 2960:SYMBOL 255,0,0,0, [4405]
255,255,255,0,0:READ NBH:FOR X=1 TO
NBH:READ H$(X):NEXT X
2920 :FOR X=1 TO NBH:V=1 [1251]
2930 READ V$(X,V):IF V$(X,V)="**" 0 [2925]
R V=10 THEN 2940 ELSE V=V+1:GOTO 29
30
2940 NEXT X [356]
2950 RETURN [555]
2960 DATA 6,"COULEURS","FACTURATION [4053]
","ACCES FICHER ","UTILITAIRES DIS
C","SORTIE ECR/IMP","FIN"
2970 DATA "COULEUR BORDER","COULEUR [4806]
STYLO","COULEUR FOND","RETOUR MEN
U","**"
2980 DATA "FAIRE FACTURE","REVOIR [3494]
FACTURE","RETOUR MENU","**"
2990 DATA "CHARGER FACTURE","SAUVER [4752]
FACTURE","RETOUR MENU","**"
3000 DATA "CATALOGUE DISC","RENOMME [4579]
R FICHER","EFFACER FICHER","RE
TOUR MENU","**"
3010 DATA "REVOIR FACTURE","IMPRI [3191]

```

```

MER FACTURE","RETOUR MENU","**"
3020 DATA "NON","OUI","**" [570]
3030 ' [117]
3040 '***** [2091]
*****
3050 '***** MENUS DEROU [2915]
LANTS *****
3060 '***** [2091]
*****
3070 ' [117]
3080 LOCATE 1,1:PRINT SPACE$(80);:L [9092]
OCATE 1,1:PRINT " ";:FOR x=1 TO NBH
:PRINT H$(X);" ";:NEXT:LOCATE 2,1:
PRINT STRING$(80,255);
3090 PH=1:BBC=2:I$=CHR$(24):LOCATE [3150]
BBC,1:PRINT I$;" ";H$(PH);" ";I$
3100 IF INKEY (1)<>-1 AND PH<NBH TH [6076]
EN LOCATE BBC,1:PRINT " ";H$(PH);" "
;:BBC=BBC+LEN(H$(PH))+2:PH=PH+1:LOC
ATE BBC,1:PRINT I$;" ";H$(PH);" ";I
$:GOTO 3140
3110 IF INKEY (8)<>-1 AND PH>1 THEN [10035]
LOCATE BBC,1:PRINT " ";H$(PH);" ";:
BBC=BBC-LEN(H$(PH-1))-2:PH=PH-1:LOC
ATE BBC,1:PRINT I$;" ";H$(PH);" ";I
$:GOTO 3140
3120 IF INKEY (9)<>-1 THEN 3150 [693]
3130 GOTO 3100 [461]
3140 FOR X=1 TO 100:NEXT:GOTO 3100 [1930]
3150 IF V$(PH,1)="**" THEN PV=0:GOT [971]
0 3260
3160 FOR X=1 TO 10:IF V$(PH,X)="**" [1782]
THEN 3180
3170 NEXT X [356]
3180 NBV=X-1:LI=(X)*16+4:L=0:FOR Y= [4136]
1 TO NBV:L=MAX(L,LEN(V$(PH,Y))):NEX
T Y:LOCATE BBC,2:PRINT SPACE$(1+2);
:LO=L:L=(L+2)*8+1
3190 FOR x=1 TO 6:MOVE (BBC-1)*8-1, [8850]
382-x:DRAW L,0:NEXT x:DRAWR 0,-LI:
DRAWR -L,0:DRAWR 0,LI:MOVER 1,-LI-2
:DRAWR L,0:DRAWR 0,LI+6:MOVER 1,0:D
RAWR 0,-LI-6
3200 FOR X=1 TO NBV:LOCATE BBC+1,X+ [3641]
2:PRINT V$(PH,X):NEXT X
3210 PV=1:LOCATE BBC,PV+2:PRINT I$; [6201]
" ";V$(PH,PV);SPACE$(LO-LEN(V$(PH,P
V)))";" ";I$
3220 IF INKEY (0)<>-1 AND PV>1 THEN [9851]
LOCATE BBC,PV+2:PRINT " ";V$(PH,P
V);SPACE$(LO-LEN(V$(PH,PV)))";" ";:P
V=PV-1:LOCATE BBC,PV+2:PRINT I$;" "
;V$(PH,PV);SPACE$(LO-LEN(V$(PH,PV))
);" ";I$:GOTO 3250
3230 IF INKEY (2)<>-1 AND PV<NBV TH [11384]
EN LOCATE BBC,PV+2:PRINT;" ";V$(PH,
PV);SPACE$(LO-LEN(V$(PH,PV)))";" ";:
PV=PV+1:LOCATE BBC,PV+2:PRINT I$;"

```

```

";V$(PH,PV);SPACE$(LO-LEN(V$(PH,PV)
));" ";I$:GOTO 3250
3240 IF INKEY (9)<>-1 THEN 3260 [735]
3250 FOR X=1 TO 75:NEXT:GOTO 3220 [1623]
3260 LOCATE 1,1:PRINT " ";FOR X=1 [8120]
TO NBH:PRINT H$(X);" ";NEXT:LOCAT
E 2,1:PRINT STRING$(80,255);;FOR I=
3 TO 3+nbv+1:LOCATE BBc-1,1:PRINT S
PACE$(I+4);NEXT I:RETURN
3270 ON pv GOSUB 3420,3430,3440,345 [1362]
0
3280 GOTO 290 [411]
3290 ON pv GOTO 3490,3500,3510 [1364]
3300 ON pv GOTO 3520,3530,3540 [849]
3310 ON pv GOSUB 3580,3590,3600,361 [1935]
0
3320 GOTO 290 [411]
3330 ON pv GOTO 3650,3660,3670 [1080]
3340 ON pv GOSUB 3710,3720 [998]
3350 ' [117]
3360 '***** [2092]
*****
3370 '***** SOUS PROGRAM [1840]
MES MENU *****
3380 '***** [2092]
*****
3390 ' [117]
3400 '***** DEFINITIONS [2715]
DES COULEURS *****
3410 ' [117]
3420 CLS#0:LOCATE 20,10:INPUT"COULE [6506]
UR du BORD ";cb:IF cb<0 OR cb>27 TH
EN 3420 ELSE BORDER cb,cb:RETURN
3430 CLS#0:LOCATE 20,10:INPUT"COULE [6979]
UR du STYLO";cs:IF cs<0 OR cs>27 TH

```

```

EN 3430 ELSE INK 1,cs,cs:RETURN
3440 CLS#0:LOCATE 20,10:INPUT"COULE [4395]
UR du FOND";cf:IF cf<0 OR cf>27 THE
N 3440 ELSE INK 0,cf,cf:RETURN
3450 GOTO 290 [411]
3460 ' [117]
3470 "***** CHARGEMENT E [2715]
T SAUEGARDE *****
3480 ' [117]
3490 RUN 420 [378]
3500 GOTO 1690 [337]
3510 GOTO 290 [411]
3520 GOTO 2510 [341]
3530 GOTO 2220 [367]
3540 GOTO 290 [411]
3550 ' [117]
3560 '***** UTILITAI [2155]
RES DISC *****
3570 ' [117]
3580 CAT:LOCATE 27,22:PRINT"APPUYEZ [5444]
SUR UNE TOUCHE";CALL &BB06:RETURN
3590 LOCATE 20,10:INPUT"ANCIEN NOM [15634]
DE FICHIER ";AN$:LOCATE 20,12:INPUT
"NOUVEAU NOM DE FICHIER ";NN$:IREN
,@NN$,@AN$:CLS:PRINT:PRINT" VERIFIC
ATION DE L'OPERATION ":"PRINT:PRINT
:CAT:LOCATE 27,22:PRINT"APPUYEZ SUR
UNE TOUCHE";CALL &BB06:RETURN
3600 LOCATE 20,10:INPUT"EFFACER QUE [8342]
L FICHIER ";EFF$:IERA,@EFF$:CLS:PRI
NT:PRINT" VERIFICATION DE L'OPERATI
ON ":"PRINT:PRINT:CAT:LOCATE 27,22:
PRINT"APPUYEZ SUR UNE TOUCHE";CALL
&BB06:RETURN
3610 RETURN [555]
3620 ' [117]
3630 '***** SORTIE ECRA [2003]
N / IMPRIMANTE *****
3640 ' [117]
3650 GOTO 1690 [337]
3660 GOTO 2190 [341]
3670 GOTO 290 [411]
3680 ' [117]
3690 '***** FIN DE TRAV [2475]
AIL *****
3700 ' [117]
3710 GOTO 290 [411]
3720 CLS :GOTO 2820 [1118]
3730 '***** FIN DE LISTI [2742]
NG *****

```

