



Tech Info Library

Business BASIC III: RENUMBER 1.01

Revised: 7/1/85
Security: Everyone

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Here is a corrected version of the Business BASIC Renumber program. Just EXEC this file and save it on the Business BASIC Master Diskette.

```
10  INVOKE"Renumber.INV"
20  HOME
30  PRINT USING"76c";"-- RENUMBER 1.01 --"
50  PRINT:PRINT TAB(8);"Your options are:":PRINT
60  PRINT TAB(26);"1   Line References"
70  PRINT TAB(26);"2   Append/Merge Programs"
80  PRINT TAB(26);"3   Renumber a Program"
90  PRINT TAB(26);"4   Quit"
100 PRINT
110 PRINT TAB(8);:INPUT"Which option? ";a$:x=ASC(a$)-48
120 ON x GOTO 150,250,360,140
130 PRINT TAB(8);"Please enter 1, 2, 3, or 4":
    VPOS= VPOS-2:GOTO 110
140 TEXT:HOME:END
150 REM --- XREF
160 TEXT:HOME:PRINT USING"76c";"-- XREF --":PRINT
170 INPUT"Name of Source File: ";i$:IF LEN(i$)=0 THEN 20
180 INPUT"Output file name?
    (Press RETURN for output to .CONSOLE) ";o$
190 IF LEN(o$)=0 THEN o$="temp.xref"
200 INPUT"Should unreferenced lines be displayed?";r$:
    IF ASC(r$)=ASC("y") OR ASC(r$)=ASC("Y") THEN 230
210 PERFORM xref(@i$,@o$)
211 IF o$<>"temp.xref" THEN 20
212 ON ERR GOTO 218
213 OPEN#1,"temp.xref"
214 INPUT#1;a$
215 GOSUB 620
216 IF l=20 THEN GOSUB 670
217 GOTO 214
218 OFF ERR:CLOSE#1:DELETE"temp.xref":GOSUB 670
220 GOTO 20
230 PERFORM xlist(@i$,@o$)
```

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240  GOTO 211
250  REM --- MERGE
260  TEXT:HOME:PRINT USING"76c";"-- APPEND/MERGE --":PRINT
270  INPUT"Name of the first Program? ";i$:
    IF LEN(i$)=0 THEN 20
280  INPUT"Which Program should be merged with it? ";i2$:
    IF LEN(i2$)=0 THEN VPOS= VPOS-2:PRINT CHR$(29);:GOTO 270
290  INPUT"Output file name? ";o$:
    IF LEN(o$)=0 THEN VPOS= VPOS-3:PRINT CHR$(29);:GOTO 270
300  INPUT"Should I allow interleaving of program lines? ";a$
310  IF ASC(a$)=ASC("Y") OR ASC(a$)=ASC("y") THEN 340
320  PERFORM append(@i$,@i2$,@o$)
330  GOTO 20
340  PERFORM merge(@i$,@i2$,@o$)
350  GOTO 20
360  REM --- RENUMBER
370  TEXT:HOME:PRINT USING"76c";"-- RENUMBER --":PRINT
380  INPUT"Name of Program to be Renumbered? ";i$:
    IF LEN(i$)=0 THEN 20
390  INPUT"Save with what file name? ";o$:
    IF LEN(o$)=0 THEN VPOS= VPOS-2:PRINT CHR$(29);:GOTO 380
400  INPUT"What line number should I start renumbering at?
    (Default=0) ";low$:
    IF LEN(low$)=0 THEN low=0:GOTO 420
410  IF ASC(low$)<48 OR ASC(low$)>57 THEN VPOS= VPOS-1:
    GOTO 400:ELSE low=VAL(low$)
420  INPUT"What line number should I renumber up to?
    (Default=63999) ";high$:
    IF LEN(high$)=0 THEN high=63999:GOTO 440
430  IF ASC(high$)<48 OR ASC(high$)>57 THEN VPOS= VPOS-1:
    GOTO 420:ELSE high=VAL(high$)
440  INPUT"Starting value for the renumbered lines?
    (Default=10) ";start$:
    IF LEN(start$)=0 THEN start=10:GOTO 460
450  IF ASC(start$)<48 OR ASC(start$)>57 THEN VPOS= VPOS-1:
    GOTO 440:ELSE start=VAL(start$)
460  INPUT"What increment between each line? (Default=10) ";
    bump$:IF LEN(bump$)=0 THEN bump=10:GOTO 480
470  IF ASC(bump$)<48 OR ASC(bump$)>57 THEN VPOS= VPOS-1:
    GOTO 460:
    ELSE bump=VAL(bump$)
480  REM Map numbers larger than 32767 into standard
    two's complement form.
490  low=TEN(HEX$(low)):
    high=TEN(HEX$(high)):
    start=TEN(HEX$(start))
500  INPUT"Should I allow lines to be moved? ";a$:
    IF ASC(a$)=ASC("Y") OR ASC(a$)=ASC("y") THEN 530
510  PERFORM renum(@i$,@o$,%low,%high,%start,%bump)
520  GOTO 20
530  PERFORM reseqnce(@i$,@o$,%low,%high,%start,%bump)
540  GOTO 20
620  IF LEN(a$)<80 THEN PRINT a$:l=l+1:RETURN

```

```
630  PRINT MID$(a$,1,80):s=80:e=74:l=l+1:
      IF l=20 THEN GOSUB 670
640  IF LEN(a$)-80=>74 THEN HPOS=6:
      PRINT MID$(a$,s,e):s=s+74:l=l+1:
      IF l=20 THEN GOSUB 670:GOTO 640
650  IF LEN(a$)-s>0 THEN HPOS=6:PRINT MID$(a$,s)
660  RETURN
670  VPOS=23:
      PRINT USING"76c";"-- press RETURN to continue --";
680  GET a$
690  IF ASC(a$)<>13 THEN 690
700  HOME:PRINT USING"76c";"-- XREF --":PRINT:l=0:RETURN
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Apple Technical Communications

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