

If the line you type has an error in it, the Mini-Assembler beeps loudly and displays a caret (^) under or near the offending character in the input line. Most common errors are the result of typographical mistakes: misspelled mnemonics, missing parentheses, and so forth. The Mini-Assembler also rejects the input line if you forget the space before or after a mnemonic or include an extraneous character in a hexadecimal value or address. If the destination address of a branch instruction is out of the range of the branch (more than 127 locations distant from the address of the instruction), the Mini-Assembler flags this as an error.

There are several different ways to leave the Mini-Assembler and reenter the Monitor. On an enhanced Apple IIe only, simply press Return at a blank line.

Original IIe On an original Apple IIe, type the Monitor command `$FF69G`.

On any Apple IIe, you can press Control-Reset, which forces a warm restart of BASIC, then type `CALL -151`.

Your assembly-language program is now stored in memory. You can display it with the `LIST` command:

```
*300I
0300-  A2 02          LDX  #$02
0302-  B5 00          LDA  $00,X
0304-  95 10          STA  $10,X
0306-  CA            DEX
0307-  8D 30 C0       STA  $C030
030A-  10 F6         BPL   $0302
030C-  00            BRK
030D-  00            BRK
030E-  00            BRK
030F-  00            BRK
0310-  00            BRK
0311-  00            BRK
0312-  00            BRK
0313-  00            BRK
0314-  00            BRK
0316-  00            BRK
0316-  00            BRK
0317-  00            BRK
0318-  00            BRK
0319-  00            BRK
*
```