
Applesoft BASIC

The focus of the chapters in this manual is assembly language, and so most addresses and values are given in hexadecimal notation. Appendix E in this manual includes tables to help you convert from hexadecimal to the decimal notation you will need for BASIC.

In BASIC, use a PEEK to read a location (instead of the LDA used in assembly language), and a POKE (instead of STA) to write to a location. If you read a hardware address from a BASIC program, you get a value between 0 and 255. Bit 7 holds a place value of 128, so if a soft switch is on, its value will be equal to or greater than 128; if the switch is off, the value will be less than 128.

Integer BASIC

Integer BASIC is not included in the Apple IIe firmware. If you want to run it on your Apple IIe, you must use DOS 3.3 to load it in to the system. ProDOS does not support Integer BASIC.

Pascal language

The Pascal language works on the Apple IIe under versions 1.1 and later of the Pascal Operating System. However, for best performance, use Pascal 1.2 or a later version.

Fortran

Fortran works under version 1.1 of the Pascal Operating System, which does not detect or use certain Apple IIe features, such as auxiliary memory. Therefore, Fortran does not take advantage of these features.