

## Section 14: Editing Commands

XYBASIC is available with a line oriented editor, allowing you to modify XYBASIC programs without retyping entire lines. The additional editing facilities consist of the commands AUTO, DELETE, EDIT, and RENUM. Your copy of XYBASIC includes the editing commands described here only if the word EDIT appears in the initialization dialog version message.

## AUTO

The AUTO command allows you to enter successive new lines of a program without typing line numbers. AUTO takes two optional arguments, a starting line number and an increment. For example, the command

```
AUTO 100, 20
```

tells XYBASIC to accept a sequence of lines starting at line 100 with an increment of 20. XYBASIC responds by prompting

```
100
```

followed by a space, and then waits for you to enter a line. If you just type <carriage return>, XYBASIC returns to direct mode, gives the usual OK prompt and waits for another command. If you type a line, XYBASIC adds it to the current program as line 100 and then types

```
120
```

followed by a space, and waits for you to enter another line. You may exit from AUTO mode by typing <control-C> at any time, as well as by typing <carriage return> at the start of a line.

If AUTO encounters a line number which is already in the current program, it prompts with an asterisk instead of a space after the line number:

```
100*
```

If a <carriage return> is typed, the old line 100 is retained and XYBASIC returns to direct mode. If a new line is entered, the old line 100 is replaced by the typed line.

If the second argument of AUTO is not specified, it is assumed to be 10. If neither argument is specified, both arguments are assumed to be 10. Thus the commands

```
AUTO
AUTO 10
AUTO 10, 10
```

are all equivalent.

AUTO is legal only in direct mode. An II (Illegal Indirect) error will occur if XYBASIC attempts to execute an AUTO command in program mode. An SN (SyNtax) error occurs if a line number is included at the beginning of any line typed in AUTO mode. The AUTO command is legal only if XYBASIC is