

WHILE WEND

Type: BASIC command

Format: WHILE condition

.
.
.
WEND

Description: Provides a way of looping through a sequence of statements. The program tests the condition. If it is false, execution continues at the statement immediately following WEND. If true, it executes the statements between WHILE and WEND. WEND returns control to the top of the WHILE loop, where the condition is again tested. FOR/NEXT is a more useful looping tool when you know how many times the loop must be executed. If you do not know this, WHILE/WEND and REPEAT/UNTIL are more useful.

Example:

```
100 READ A
110 WHILE A>=0
120   S=S+A
130   READ A
140 WEND
150 PRINT S
160 DATA 1,2,3,-1
RUN
6
```