

ABS

Type: real function

Format: ABS(realexpression)

Description: Takes the absolute value of a real number.

Example:

```
10 Y=-5.2
20 PRINT ABS(Y),ABS(-3.12),ABS(2.1),ABS(3%)
RUN
5.2      3.12      2.1      3
```

ABS%

Type: integer function

Format: ABS%(integerexpression)

Description: Takes the absolute value of an integer.

Example:

```
10 T%=-3%
20 PRINT ABS%(T%),ABS%(-2%),ABS%(52%),ABS%(-2.7)
RUN
3      2      52      3
```

ADR

Type: integer function

Formats: ADR(variable)
ADR(linenummer)

Description: Returns an integer equal to the address of the specified variable or linenummer. Used mainly in machine code subroutines.

Example:

```
10 DIM A%(20%)
20 PRINT ADR(B%),ADR(C),ADR(D$)
30 PRINT ADR(A%(2%)),ADR(20)
```

ASC

Type: integer function

Format: ASC(stringexpression)

Description: Returns an integer equal to the ASCII code for the first character of the specified string.

Example:

```
10 A$="ABC"
20 PRINT ASC(A$),ASC("CD")
RUN
65      67
```