FINT
Type: Real function

Format: FINT(integerexpression)

Description: Integers can take on values only from -32768 to 32767. If you consider the integers as unsigned numbers, the range is 0 to 65535. In some cases, such as memory locations, unsigned integers are more helpful, FINT assumes the integer to be an unsigned number and converts it to a floating point number for printing or testing.

Example:

```
100 FOR T%=50000% TO 50004%
110   PRINT T%,FINT(T%)
120 NEXT T%
RUN
-15536  50000
-15535  50001
-15534  50002
-15533  50003
-15532  50004
```

FIX
Type: Real function

Format: FIX(realexpression,integerexpression)

Description: Returns the real number specified by realexpression rounded to the number of decimal points specified by integerexpression.

Example:

```
10 T=FIX(4.372,2%):PRINT T
RUN
4.37
```

FOR NEXT STEP
Type: BASIC command

Format: FOR variablename=expression TO expression STEP expression

```
          .
          .
          .
        NEXT variablename
```

Description: Used to loop through a sequence of statements a fixed number of times. Variablename must be an integer or a real number; it must not be an array element. The variablename with FOR must match the variablename with NEXT. STEP is optional and if not present, the third expression is assumed to be 1. All three expressions may be either real or integer; however, the program runs faster if they are the same type as the variablename.