

Topic dealt in QBASIC Last Video

- QBASIC Introduction
- Elements of QBASIC
 1. Character Set
 2. Constant

Elements Of QBASIC

•Variables:

A memory place to store the constants used in the program. It has a specific and unique name inside a program.

[Note: Just like we need different types of utensils to store solid and liquid matters , in programming we need different type of ram memory for different type of constants]

•Types of Variables :

1. Numeric
2. String or Alphanumeric

Elements Of QBASIC

Numeric Variable

It is used to store only numbers or mathematical expression used for calculation.

EXAMPLE A=12 [here A is a variable and 12 is a constant.]
B=5+6 [Here B is a variable which will store the sum of constant values 5 and 6 i.e. 11]

Rules for giving name to a numeric variable:

1. A Numeric Variable can contain alphabets and digits .
2. Should always starts with an Alphabet.
3. Should not have any space in between

EXAMPLE- A12=45 [Here A12 is a variable name and 45 is a constant.]

A1B=5 [Here A1B is a variable and 5 is a constant.]

Elements Of QBASIC

String Variable

It is used to store String or alphanumeric constant in it. Not used in mathematical expressions.

EXAMPLE- A\$="RAM" [Here A\$ is a variable and "RAM" is a constant.]
B\$="45" [Here B\$ is a variable and "45" is a constant]

Rules for giving name to a String variable:

1. A String Variable can contain alphabets, digits and one \$ sign in the end .
2. Should always starts with an Alphabet.
3. Should always end with \$ sign.
4. Should not have any space in between

Example- A12\$="St. Thomas" [Here A12\$ is a variable name and "St. Thomas" is a constant.]

A1B\$="-10" [Here A1B\$ is a variable and "-10" is a constant.]

Do It Yourself

1. Write the type of each variable name Given :
age, N\$, k1L, name, sch\$, class1\$
2. Find out the Valid numeric Variables from Given List:
A , A12b, b 2, AB\$, 4A, A4 , CLASS
3. Find out the Valid String Variables from Given List:
NAME , C\$, AB\$, A1b4, \$AB, 2A\$, A\$b\$