

Variables in VB

Variable is a location in the computer memory. The definition of variable in VB takes the following format:

Dim Variable-Name as Data type

Dim is a reserved word in VB, so we cannot use it as a variable name.

Variable Name is the name of variable that used in the program.

As is a reserved word in VB.

Data Type represents the data type for the variable. the following table present the data type for variables:

Data Type	Description
Boolean	Take (true, false). (1 byte)
Integer	Take numbers between 32,767 to -32,768. (2 bytes)
Long	Take number larger than integer between 2,147,483,647 to -2,147,483,647. (4 bytes)
Single	Take fraction part. (4 bytes)
Double	Take fraction part larger than single. (8 bytes)
String	Take character, number and special character and each character take. (1 byte)
Date	Take month, day and year separated by slash. (10 bytes)

The following examples are true.

Dim x as integer

Dim a as double

Dim bas as double

Dim flag as Boolean

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The following examples are false:

Dim x as integer. (.)

Dim pay.sal as long (.) between pay and sal

Dim 1st as integer (1) number in the beginning.

Dim (ad#1) as string (() in the beginning

Dim mynum as string (space) between my and num