

variable

- ❖ Variable is an identifier which holds data as another one variable.
- ❖ It is an identifier whose value can be changed at the execution time of the program also used to identify input data program .

Variable declaration

- ❖ Before you can use a variable in C, you need to declare it. This involves specifying the type of the variable and its name.
- ❖ If no input value is given by the user than system will gives a default value called garbage value.
- ❖ Syntax:

Variable_name;

inta

Variable initialization

Initialization is the process of assigning a value to a variable at the time of declaration. This can be done in the following ways

:1. Direct Initialization: You can initialize a variable at the time of declaration.

'2. Initialization with Expressions: You can also initialize a variable using an expression.

Eg: `int b=40`

Variable assignment

1. Assignment refers to giving a variable a value after it has been declared

2. It is a process of assigning a value to a variable