

CS101 2nd Discussion

26-02-22

119 modules

1. Define variable and data types??

In programming, variables are used to store data or values

2. What is primitive?

Primitive means basics or original.

3. Types of data type

Types of data called data types

4 data types

1.integer

2.float

3.character

4.boolean

In C++ syntax; is used as terminator.

All the instructions end with semi colon.

If it is not placed at the end of instructions, compiler gives syntax error.

4. Primitives:

When int is used to represent integer type of data than int is called primitive data type.

5. Data structure:

If we give any conceptual shape of any data is called data structure.

6. Definition of data structure.

In addition to data, variables in a program are often associated with data structure which is the conceptual shape or arrangement of data

When we use some specific characters to represent a data type, it is called primitive data type.

For example:

Char is used to declare character type variables in most programming languages.

Operators:

+

-

×

/

%

7. Operations:

Addition

Subtraction

Multiplication

Division

Module Operation (Remainder after division)

8. Definition of Array???

Array is one of the common structures which is a block of elements of same type such as a one-dimensional list a two-dimensional table with row column or tables. If you have to store a similar type of multiple values then array is used.

Aggregate type is also called a record, structure, or heterogeneous array.

Aggregate type is used when we want to store different data elements of different data types as a single block.

9. Which is the data structure??

data structure is a named location that can be used to store and organize data

10. String:

String is a combination of characters or the sequence of characters.

Example:

"Hello World"

11. Assignment statement:

In variable Which data we store is called assignment statement.