

Computer Science - 10th Class Computer Science English Medium Chapter 1 Preparation

Q1. What is the use of Unsigned int data types ?

Ans 1: An unsigned int can store only positive values and its value ranges from 0 to +4,294,967,295. Keyword unsigned int is used to declare an unsigned integer.

Q2. How many types of constant in C language ?

Ans 1: In C language, primarily we have three types of constants.

1. Integer constants.
2. Real constants.
3. Character constants.

Q3. What is computer program or software ?

Ans 1: Set of instructions given to the computer to perform a specific task is called computer program or software.

Q4. What do you mean by IDE has a graphical user interface (GUI) ?

Ans 1: An IDE has a graphical user interface (GUI), meaning that a user can interact with it using windows and buttons to provide input and get output.

Q5. Define stdio.h header file.

Ans 1: `#include<stdio.h>`
The stdio.h header file contains information about input - output functions.

Q6. What is character set that is used in C language ?

Ans 1: Character set of a language defines all characters which are valid to use in programs written in that language. Similarly in C programming language we have a character set that includes:

1. Alphabets (A, B, Y, Z), (a, b y, z)
2. Digits (0 - 9)
3. Special symbols (~ @ # \$ % ^ & < >)

Q7. What are Real constants ?

Ans 1: The numeric values having a decimal part are called real constants. They can also be positive or negative.
Example: 7.5, -8.9, 2.2 etc.

Q8. What is identifier ?

Ans 1: Each variable has a unique name which is called identifier.
Examples: int sum, char name,
here sum and name are identifiers.

Q9. Write down some of the mainly available IDEs for C programming language.

Ans 1: Some of the mainly available IDEs for C programming language are as follows.

1. Code: Blocks
2. Visual studio.
3. Dev C++.
4. Xcode.

Q10. How a C language program state ends ?

Ans 1: Each C language program statement ends with a semicolon (;) symbol.
