

1.What is C-language?

Ans:-C language is a general-purpose, procedural programming language that was developed in the early 1970s by Dennis Ritchie at Bell Labs.

It is one of the most widely used programming languages because it is simple, efficient, and powerful.

2.what are the applications of C programming?

Ans:-Applications of C programming

1. Used to develop operating systems like Windows, UNIX, and Linux.
2. Used in embedded systems for controlling hardware devices.
3. Helps build compilers and interpreters for other programming languages.
4. Used in game development and graphics applications.
5. Commonly used for system software, drivers, and database systems.

3.what is variable?

Ans:- Variable act like as a containers which is used to store the information (or)data.

4.What are the different data types in C programming?

Ans:-Different data types in C programming

1. Int – Used to store integer values (e.g., 10, -5).
2. Float – Used for decimal numbers (e.g., 3.14).
3. Double – Used for large or precise decimal numbers.
4. Char – Used to store single characters (e.g., 'A', 'b').
5. Void – Used for functions that do not return any value.

5.What is format specifier?

Ans:- Format Specifier decides what type of information holds. We have different types of format specifier such as %d, %f, %s etc.

Data Type

Format Specifier

Int	%d
Float	%f
Double	%lf
Char	%c
String	%s
Unsigned int	%u
Short int	%h d
Long int	%l d
Long long int	%l l d
Long double	%L f
Pointer	%p