

1. What is C language?

C language is a high-level, general-purpose programming language developed by Dennis Ritchie in 1972.

2. What are the applications of C programming?

Operating System :- used in developing systems like UNIX, Windows, and Linux.

Compilers and Interpreters :- many language compilers are written in C

3. What is variable?

A variable is a name given to a memory location that is used to store data in a program. The value of a variable can change during program execution.

4. What are different data-types of C-programming  
Data type in C

#### Basic data type

float

double

int

char

Bool

void

#### Derived data type

array

pointer

function

## User defined data types

union

structure

enum

Q. What is format specifier

A format specifier is used to define the type of variable or value (such as integer, float, character or string) that is to be printed or read.