

1. What is C language.

C is a general-purpose, procedural programming language developed in the 1970's by Dennis Ritchie at Bell Labs. It's one of the most influential and widely used programming languages in the world.

2. Applications of C languages.

- * C is used to develop core components of operating systems such as windows, linux and macos.

- * C is applied in embedded systems in small devices such as washing machines, microwave oven and printers.

- * C is used to create game engines.

- * C is applied to develop database engines. MySQL, database is implemented using C.

- * C is employed to create programs for devices and sensors of IoT.

- * C is employed to create desktop applications
Eg: Notepad++.

3. What is a variable.

variable act like as a containers which is used to store the information like integer, character, float, double etc....

4. What are different types in C programming.

There are different data-types in C programming in C programming. They are

→ Basic

→ Derived

→ Enumeration

→ void

5. What is format specifier?

Format specifiers tell the what type of information holds in the variable.

Data-type	Format Specifier
(1) Int	%d (or) %i
(2) unsigned int	%u
(3) short int	%hd
(4) long int	%ld
(5) long long int	%lld
(6) float	%f
(7) double	%lf
(8) long double	%Lf
(9) char	%c
(10) char() or string	%s
(11) pointer	%p