

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 e.g. 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 tells the what type of information holds in the variable.

Data-type

Format specifier

- (1) Int %d
- (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