

# 1.What is c language ?

C is a versatile, procedural programming language known for its speed and efficiency, used to build everything from operating systems like UNIX to applications like Git and database program. C language developed by Dennis Ritchie in the 1970

# 2.what is application of c program?

- 1.Operating systems
- 2.embedded system
- 3.compilers and interpreters
- 4.data base systems
- 5game development
- 6.system utilities and Tools
- 7.networking software
- 8.scientific and mathematical applications

# 3.what is variable ?

Variables are containers for storing data values, like numbers and characters. In C, there are different types of variables (defined with different keywords), for example: int – stores integers (whole numbers), without decimals, such as 123 or -123.

# 4.what are different data types of c program?

## Date types in c

1.Basic	2.derived	3.Enumeration	4.void
Char,int,float,double.	Array,pointer,function	enum	void

# 5.what is formate spacificiers?

Int- %d or %i

Unsigned int-%u

Short int-%hd

Long int-%ld

Long long int-%lld

Float-%f

Double-%lf

Long double-%Lf

Char-%c

Char[] or string-%s

Penited-%p