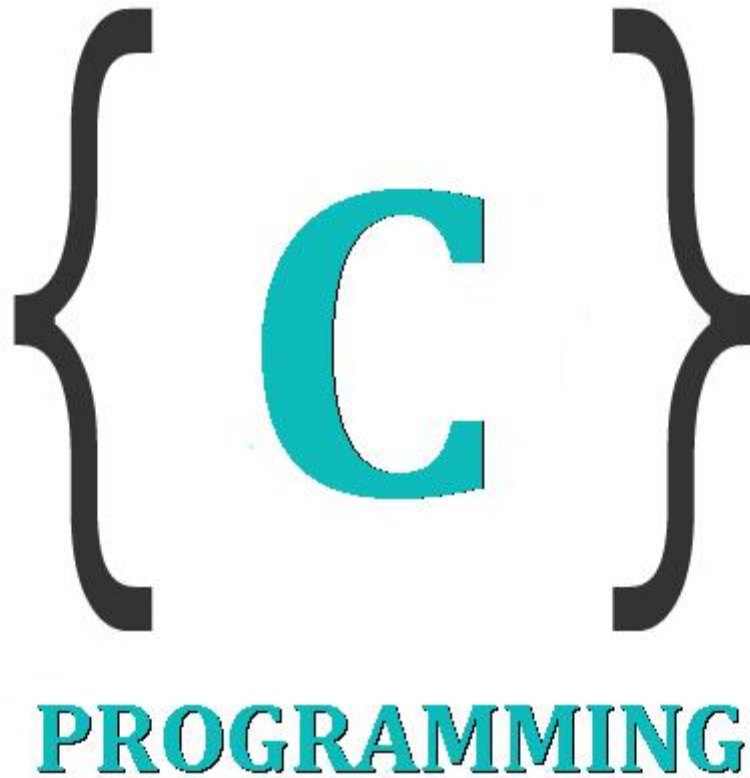


Basics of C Language

Greetings of the day everyone, this is Prajwal Sharma and I have done certification in C Language. So, in this series of blogs, I am going to give you a full tutorial on Basics of C Language.



Introduction :

Before starting with the C programming language, you get to listen a non-familiar word “PROGRAMMING”. So, what is programming?

Programming is a set of instruction which a programmer write so that the computer performs a particular task. For example, I want to add two numbers, so I write a code or set of some instructions that will help computer to provide me the sum.

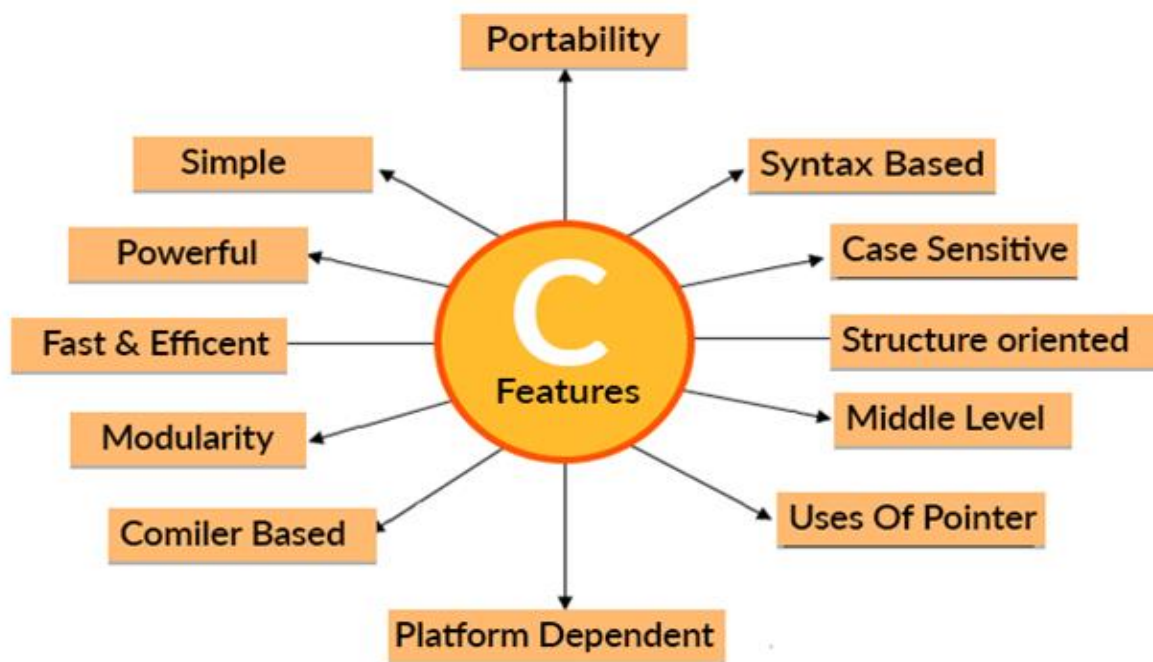
Now coming to the Question, what is C language?

C is a procedural computer programming language which is developed at Bell Telephone Laboratories by Dennis M. Ritchie in 1972. It is developed during the development of UNIX operating system. C is most widely used programming language. It keeps fluctuating at number 1 position in popularity among various programming language.

Rank	Language	Type	Score
1	Python ▼	  	100.0
2	Java ▼	  	95.3
3	C ▼	  	94.6
4	C++ ▼	  	87.0
5	JavaScript ▼		79.5
6	R ▼		78.6
7	Arduino ▼		73.2
8	Go ▼	 	73.1
9	Swift ▼	 	70.5
10	Matlab ▼		68.4

Lets talk about some features of C language :

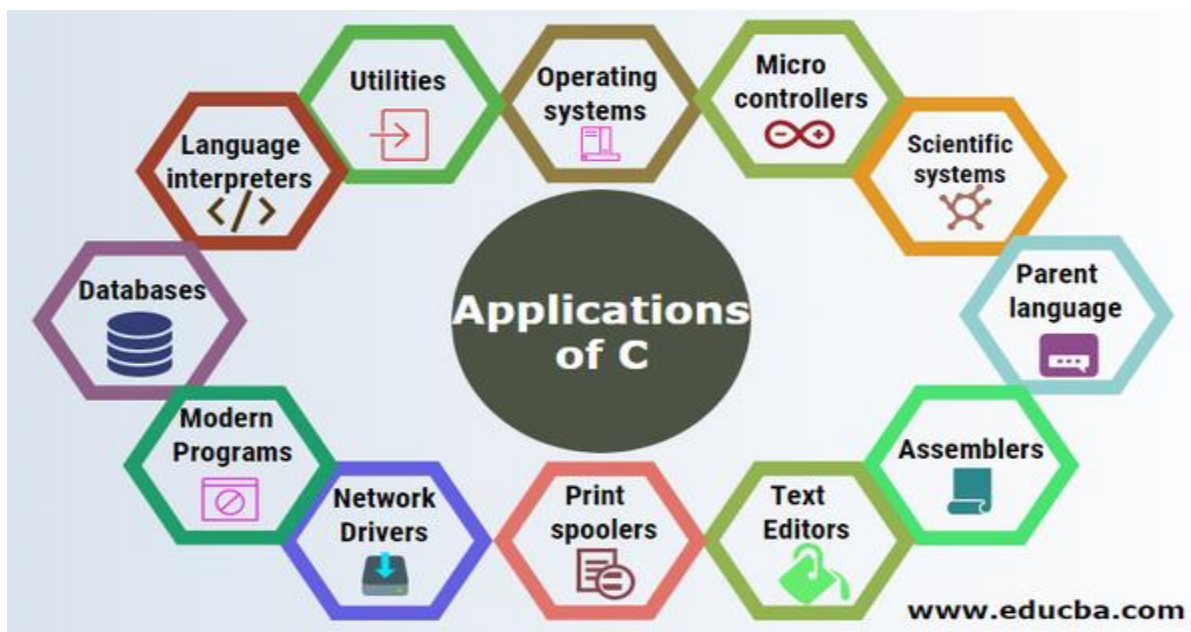
- It is machine independent language.
- It is a compiled language.
- Since it is a compiled language, hence it works faster as compare to Python or Java.
- It consists of DMA [Dynamic Memory Allocation], which means you have a better grip on memory management.
- C has many libraries present which have many tons of in-built function.
- Also, user-defined function can be added to these libraries.



Now coming to the applications :

- Operating systems [Windows, Linux, Mac OS, UNIX, etc.]
- Databases [Oracle, MySQL, PostgreSQL, MS SQL Server]
- 3D movies developing applications.
- Compiler Designing

- GUI [Graphical User Interface]
- Adobe Photoshop
- Mozilla Firefox & Thunderbird
- Gaming & Animation
- Language Interpreters
- Network Drivers
- I want to end here writing applications because there is no ending.



So, this is all about the Introduction of C language. Thank you to be so patient. I hope you gained a brief knowledge about C language.

Be alert guys I will post more. Feel free to provide feedback guys so that I will improve my content.

■ PRAJWAL SHARMA
FOUNDER OF UNIQUEDU