

INTRODUCTION TO C PROGRAMMING

Computing is an Operation that involves processing of Data by making use of Computer.

'C' seems to be strange name for programming Language. But this strange sounding language is one of the most popular computer Languages today because it is a structured , high level machine independent language. It allows software developers to develop programs without worrying about the hardware platforms where they will be implemented. It is used to write various applications, Operating Systems like Windows, and many other complex **programs** like Oracle database, Git, Python interpreter, and more.

C language was Developed by **Dennis Ritchie at the Bell Laboratories in 1972.**

STRUCTURE TO START PROGRAMMING IN C

```
#include <stdio.h>
int main()
{
    int a=10;
    printf("value of A is %d ", a);
}
```

Now in the above program we see that we are first starting our program with '**#include<stdio.h>**'.

What is '#include<stdio.h>' ?

- '#' is known as **PREPROCESSOR DIRECTIVE** .
- '**include**' is the **KEYWORD** in c language. Now we have 32 keyword in C language.
- '**stdio.h**' means **STANDARD INPUT OUTPUT**.

Now when we combine it and write '**#include<stdio.h>**' it is known as **HEADER FILE**.

WHAT ARE HEADER FILES?