

why programming ?

do develop some applications

- 1.Desktop Appl
- 2.Web Appl (fb,inta,ircete)
- 3.Mobile App
- 4.calculator

front end

html
css
javascript
jquery
dom
angularjs
react js

front end developer

Web Application

back end

python
django/flask

python
java
javascript
angularjs
reactjs

it acts as bridge
between
frontend
and
backend

database

oracle db
mongo db
mysql

C programming

BCPL (Basic Combined Programming Language) it was developed by **Martin Richard**

From BCPL led to **B** it was developed By **Ken Thompson** these two programming languages

Are called as Type less programming languages From B led to **C** it was developed by **Dennis Ritchie** it was developed at **At &T** Bell Laboratories In year 1972 on **unix machine** C is called typed programming language.

Syntax:

#include<stdio.h> → include statements

void main() → main method or main function

{

//processing statements; → processing statements

return 0;

}

Any C program Contains 3 Statements

- 1.include statements
- 2.main method or main function
3. processing statements

include statements

- ❖ This is the first statement in any c program
- ❖ It always begins with (#) hash symbol
- ❖ It is also called pre-processor directive
- ❖ It gives direction to compiler

- ❖ It will be executed at compile time
- ❖ By default when you write code some header files will get involved into your program

Compilation → English to binary language

Running → process

main method or main function

- ❖ It is a core of any C program
- ❖ Actually, your program execution starts from here
- ❖ It is also called as user defined function
- ❖ It cannot be duplicated
- ❖ We can write it in six ways
 - void main()
 - int main()
 - main()
 - void main(void)
 - int main(void)
 - main(void)

processing Statements

they will tell
what to do
when to do
how to do

Open- delimiter ({) :

It indicates begin of the block

Closing – delimiter (}):

It indicates ending of the block

Comments:

- ❖ comments will never compile
- ❖ they will not get executed
- ❖ we cannot see them on screen
- ❖ comments are for user reference only
- ❖ we have 2 types of comments
 1. single line comment (//)

2. Multi line comment (`/*.....*/`)