**C Programming language**

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| --- | --- | --- |
| Low level | Mid Level | High Level |
| It works on bits ,  pointers and  registors.  Eg. Cobol,pascal,  Fortan,assembly etc | It contains 50% features of low level and 50%  Features of high level.  Eg. C & C++ | They are machine independent and they  Follows another methodology like OOPs (object oriented programming ).  Eg. Java ,python C# etc |

1. Mother language
2. Mid level programming language
3. Procedure oriented programming. Language
4. Structured programming language
5. System programming language
6. Mother Language : most of the compilers ,JVMs and Drivers are written in c.

Desktop

(Binary 0 1 )

C code

(English)

Compiler

JVM : Java virtual machine (Major component of java which is responsible to run the java programs )

1. Procedural programming lang. : it follows some steps by step procedure to execute a program.
2. Structured programming language : it breaks the program into smaller blocks to solve a typical problem.
3. System programming language : Some operating systems can be written by c like Unix and we can also write the kernals in c.

History of C :

In 1972 at American telephone and telegraph (AT &T ) bells lab USA

Dennis Ritchie Developed the C programming language.

Environment Setup :

Desktop

(Binary 0 1 )

C code

(English)

Compiler