***OPERATING SYSTEM***

Windows- vista, xp,7,8,9,10,11

Linux- Ubuntu, redhat, centos, kali, boss

Mac- Macintosh

Android

*OS is a collection of software applications.*

*Software is a collection of programs.*

*Program is set of instructions*.

LANGUAGE

HIGH LEVEL LANGUAGE- Any type of object oriented programming language C++, java, python.

MID LEVEL LANGUAGE- Any type of procedure oriented programming language BASIC, COBOL, Pascal, C.

TRANASLATOR-

* A translator will convert the source code into machine code ( object code ). There are several types of translator programs, each able to perform different tasks. Compilers are used to translate a program written in a high-level language into machine code (object code).

*HISTORY OF C- Developed by DENNIS RITCHIE in 1972.*

**C programming language** was developed in 1972 by Dennis Ritchie at bell laboratories of AT&T (American Telephone & Telegraph), located in the U.S.A.

**Dennis Ritchie** is known as the **founder of the c language**.

It was developed to overcome the problems of previous languages such as B, BCPL, etc.

*SOME OLD LANGUAGES-*

FORTRAN- Formula translator*.*

COBOL- Common Business Oriented Language

CPL- Common Programming Language *American Group*

BCL- Basic Common Programming Language *Martin Richards*

B Language *Thompson*

*1969 unix OS design with help of B and BCPL.*

*1970 Dennis Ritchie AT&T BELL LABS , murrey hills London invented C language.*

*Traditional C*

*K&R C*

*ANSI C/C ‘89’*