## Clauification of Programming Language Transictori 19401 MP/CPU 9/P PNP NPN OA & 1A Voltager Semiconducto technology OV + 5 V device low High 1 0 19401 11010110 Machine Level 110011001 language [MLi] 11010011 Low level language [LLL] ASSEMBLER 19504 MOV AX, SM Amembly wel MOV BX, ISH ADD AX, BX language [ALL] compiler/ 1960x - preeent Interpreter int a = 10; High Level int b = 20: language [HLL] int (=a+b; Print(c); C, C++, C#, Java, Pythonieta 1940x 19501 19608 MLL ALL HLL Binary Sequences Moumonia symbols and English Like Statemente (11010101; OPCODE ADD 101101101 SUB MUL 11001010 DIV 10111010 MOU JMP int Hoat char Auembler if-ele print() Scan () Compiler/ Interpreter

- An Amembler. is a system software which takes
  All program as input and converts it into Mil cools.
- A compiler or an Interpreter in a system software which takes the program code as input and converts it into MII code.

## Programming Paradian:

- 1) Unitructured / Non-structured Programming.

  -> Single block (Junction)
- >> Structured / Procedure oriented Programming (POP)

  → Mutiple block (functions)
- 3) Object oriented Programming (OOP)

  -> clause and Objects

2 componente of a program

- 1. Data
- 2. Function

Softwares & Java, Python System Application Softwares Software

Eg: 05, Eg: Inclagrom, Compiler, whatcapp, etc....

