

Day 1

1) Language ?

* Both people should know common language.

Remember

Computer understands

Binary i.e.
0 & 1

1010 0001 001 →
100101011 01 → } Binary

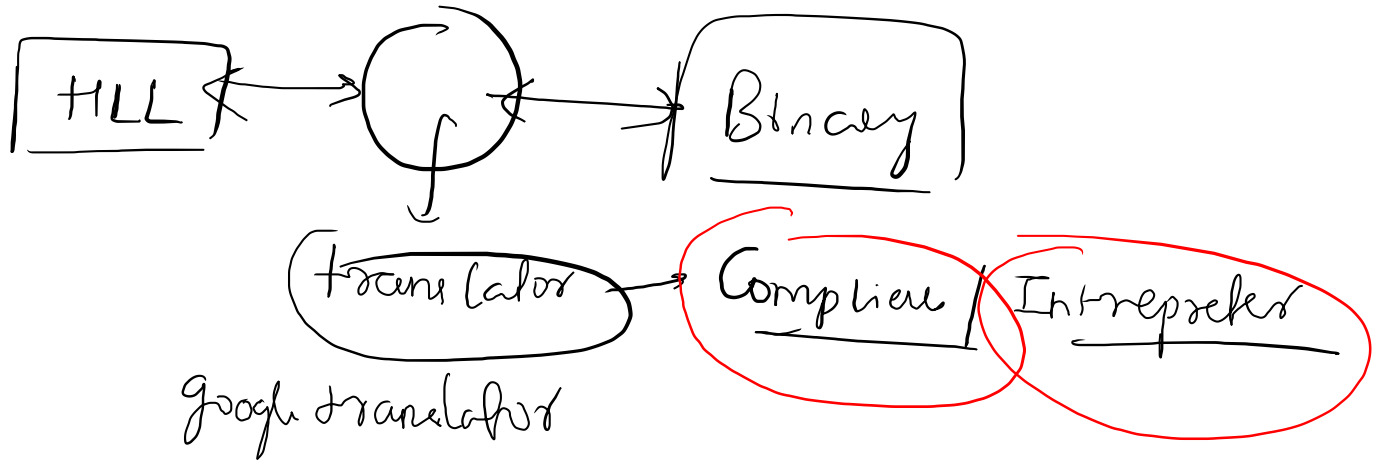
Can't Learn Binary

→ we humans understand words

→ High Level Language → humans can understand

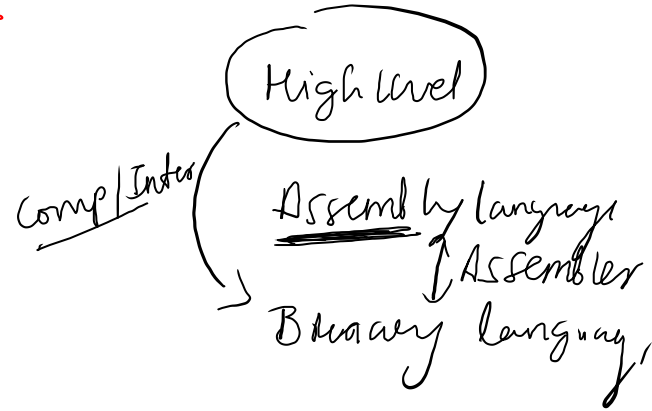
Binary Code

→ computers



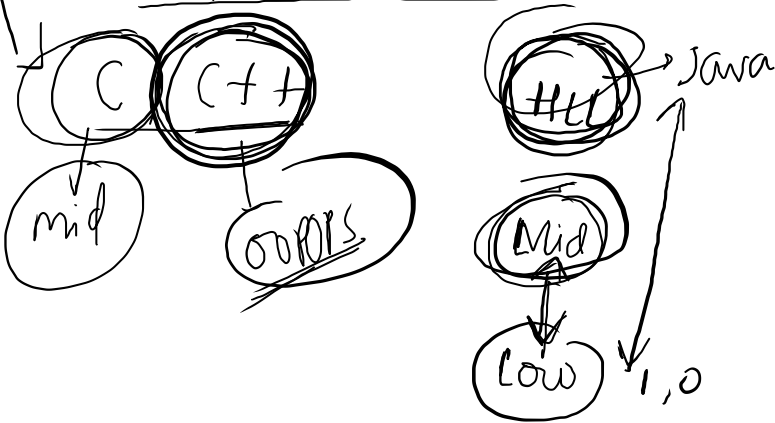
Types of Programming Language

- 1) High level language
- 2) Low level language
- 3) Mid level language



JS, C#, Java, Python, PHP, ... etc.

↳ High Level language



High level Language

Object oriented language (C++)
(objects & Class)

Java
Python

Procedural Functions
(functions)

C

Compiler

vs

Interpreter

vs

Assembler

speed

mid level/High level

Assembly language

Binary

Binary

Compiled languages → languages that use
speed ↑ compiler for translation

Interpreted language → language that uses
speed ↓ interpreter for translation

Compiler

→ whole programs
translated at once

Interpreter

→ line by line

Compiled language [C]

gcc filename

Compile

Binary (Executable)

Execute

Output

Interpreted lang
(python)

python filename

+

Output