

ASCTI → a-97

Predefined word → keywords or Reserved words

A-65-2-90

Binary language 081

a=10 →

a → 97

= 61

10 → 10

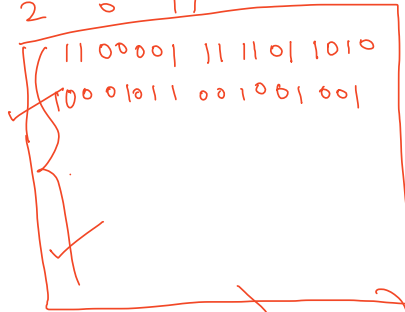
97	2	48	1	61	2	30	1	10	2	50
48	2	24	0	30	2	15	0	5	2	21
24	2	12	0	15	2	7	1	2	2	10
12	2	6	0	7	2	3	1	1	2	01
6	2	3	0	3	2	1	1			
3	2	1	1	1	2	0	1			
1	2	0	1							



Compiler

Low/Binary

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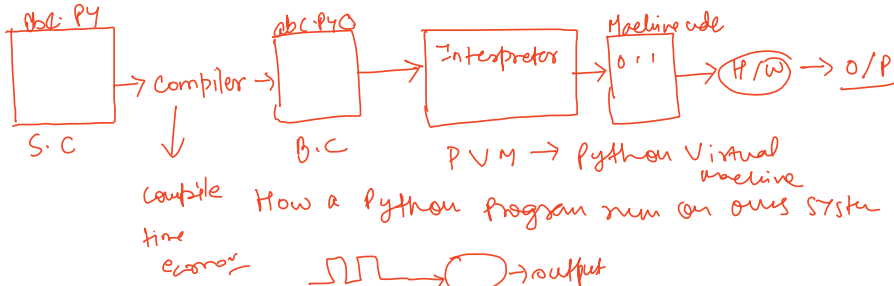
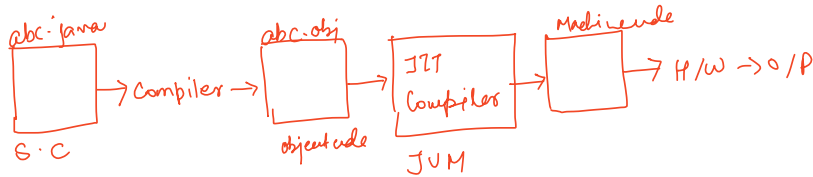
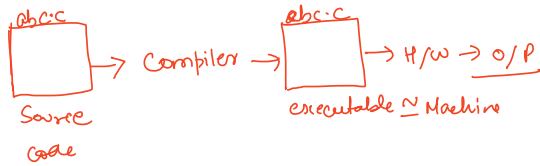
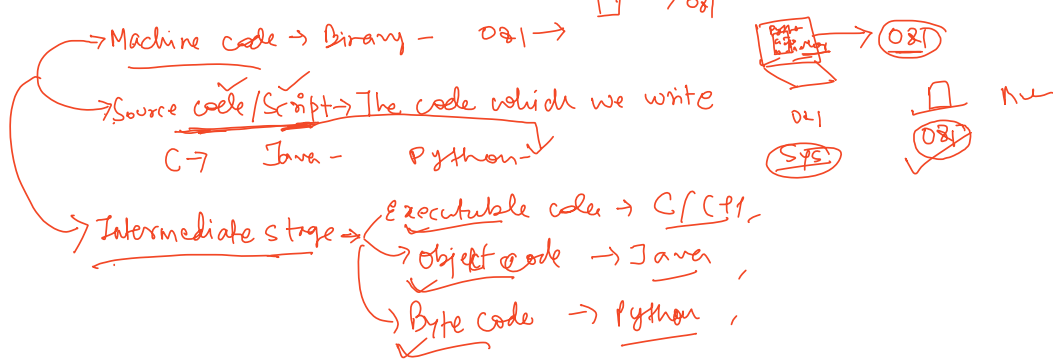


a=10
b=20
c=a+b
print(c)

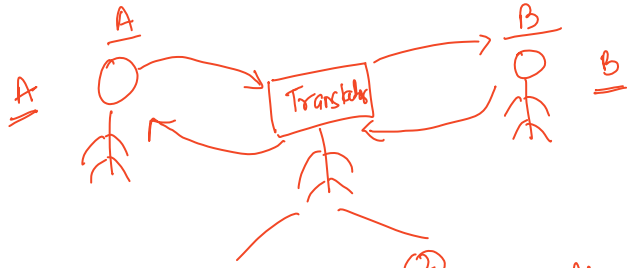
If the code which we write can run on any platform - portable

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Compiler & Interpreter → Translators

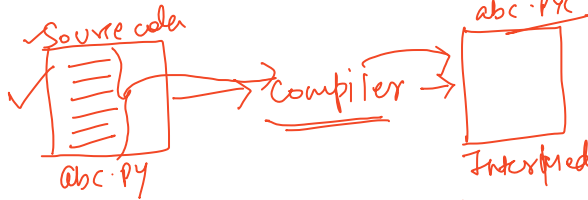


Interpretation

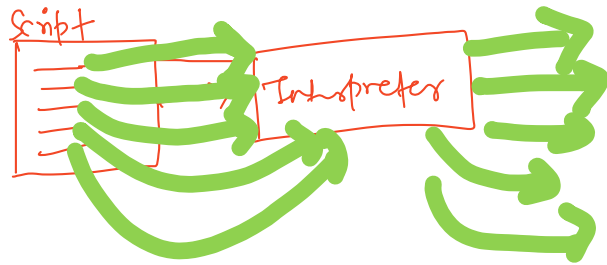
Compilation

① Listen to A completely & then translate to B & vice versa

② Listen to A 1 line at a time & translate 1 line to B the next lines soon. as vice versa



- ① Compiles the whole code from one form to another
- ② always generates intermediate code



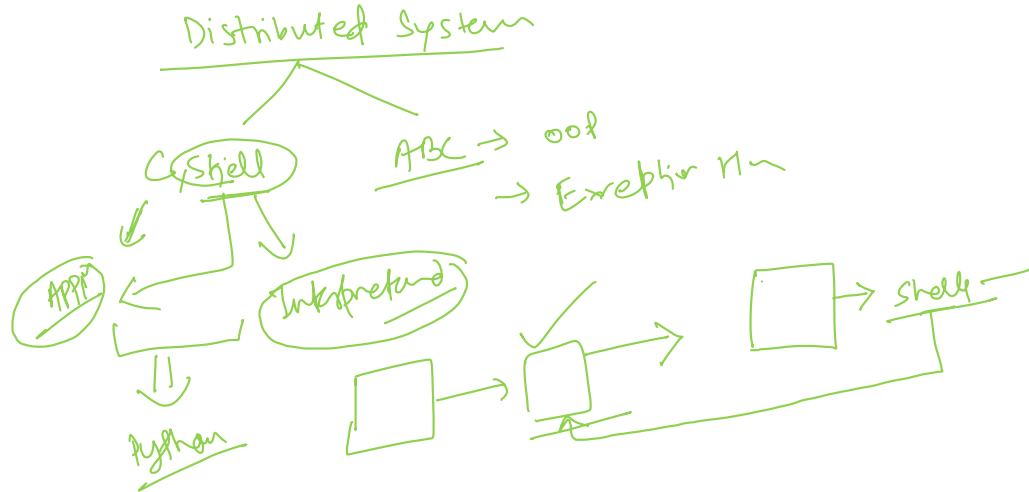
- ① Interpreter executes the whole line by line
- ② It does not generate any intermediate code



Compiled → Source code

Interpreted → Script

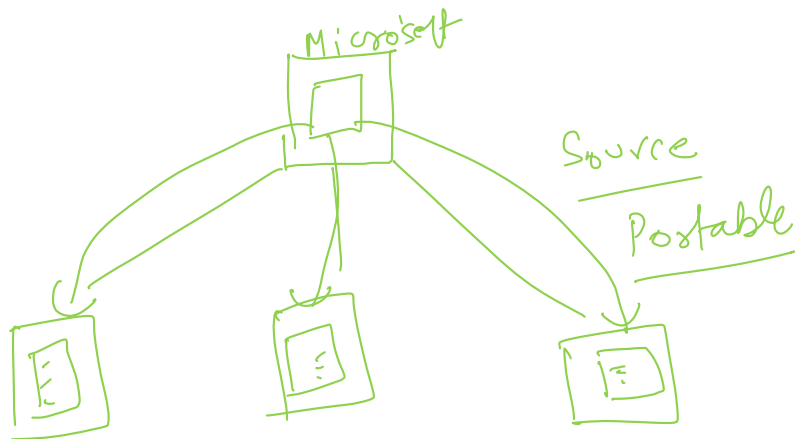
1985-1990 - Guido Van Rossum



Portable → Source code → Low L PL



Platform Independent → Byte code



Founder of Microsoft

