

7) Write Once Run Anywhere

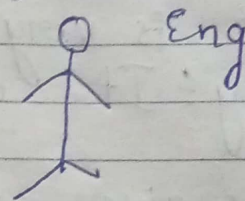
Java, Python, Javascript we can run these language application run anywhere mach OS

Understand why compiler & Interpreter use & need for execute programs

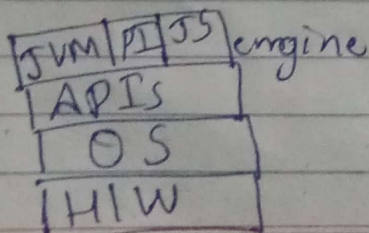
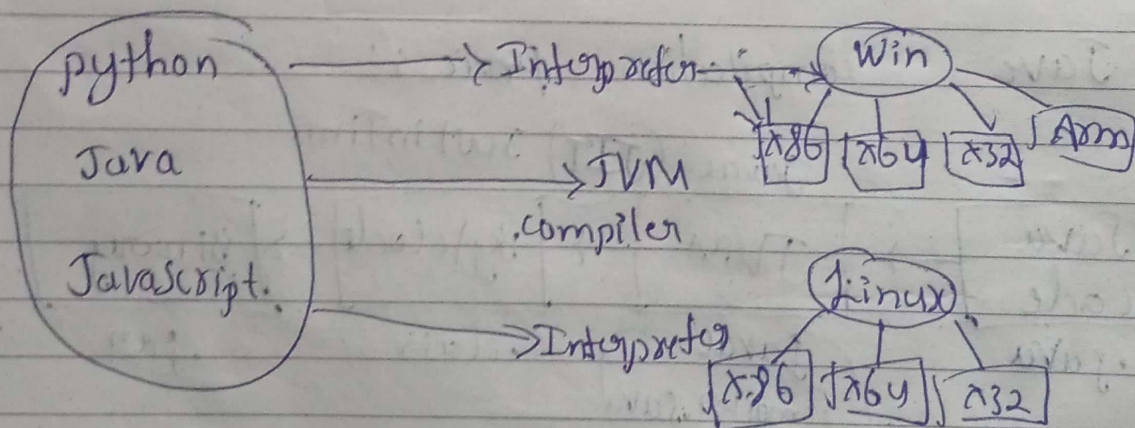
person1
Kan



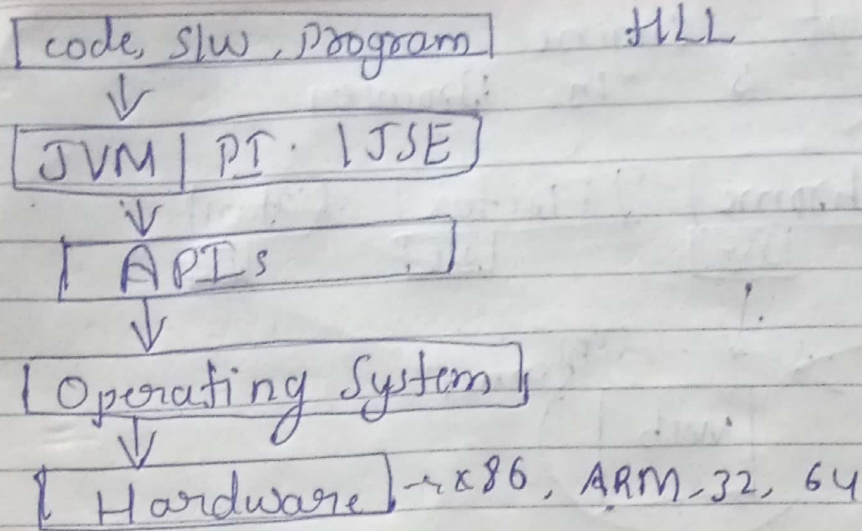
person2



Here, person1 only know Kannada he want translator to talk with person2, same as for person2.

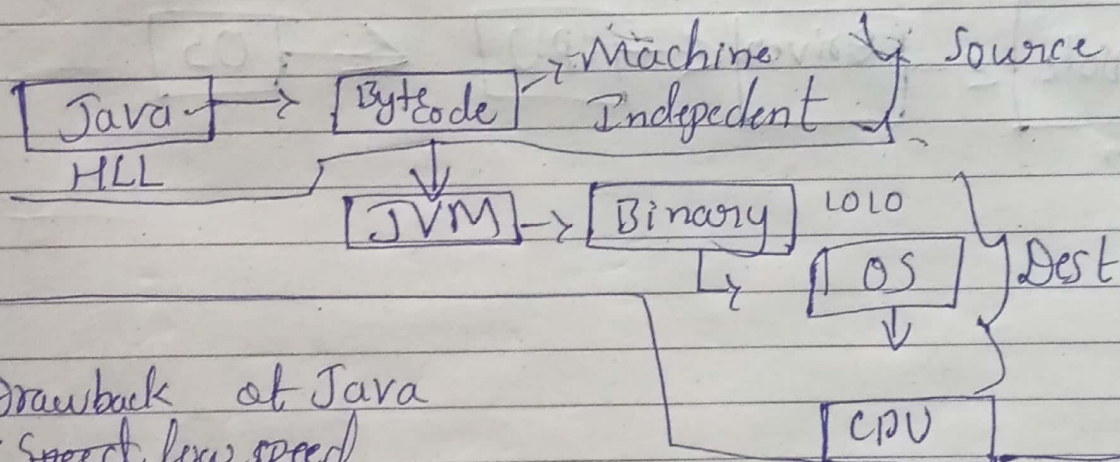


JVM - Java Virtual Machine
PI - Python Interpreter
JSE - JavaScript Engine



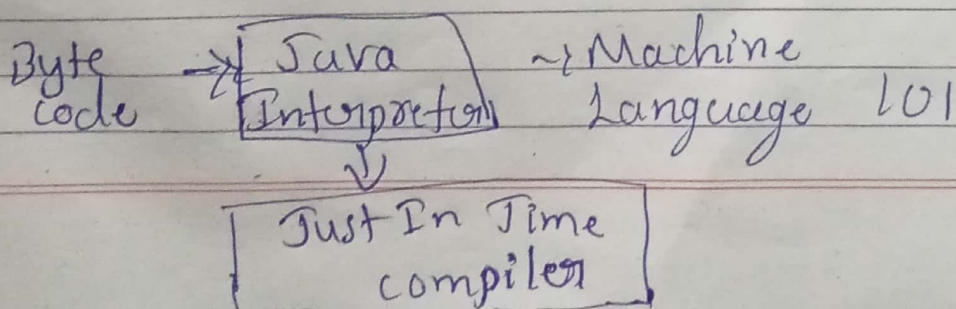
c, c++ have compilers when we execute a program after compiling - one file run on any OS of windows

Java Compilation Process

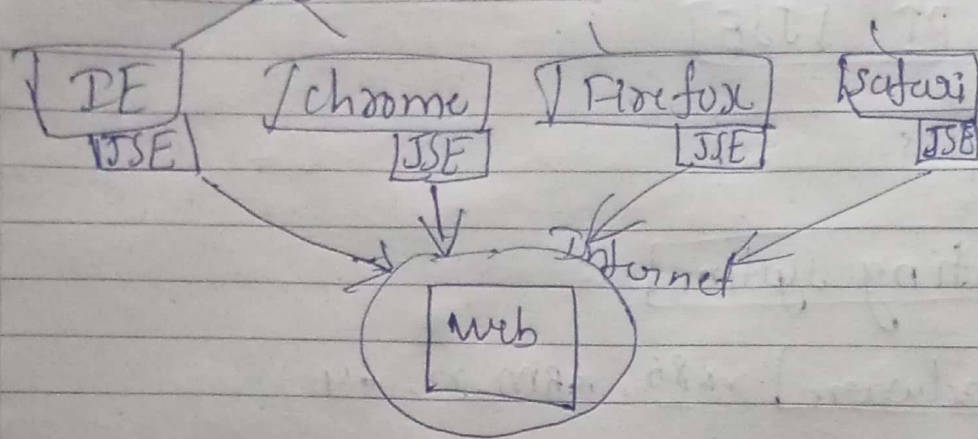


Drawback of Java
• Speed, low speed

we can use c, c++ for critical software and device drivers, system software OS.



JavaScript Engine is in Browser



Python Interpretend process

