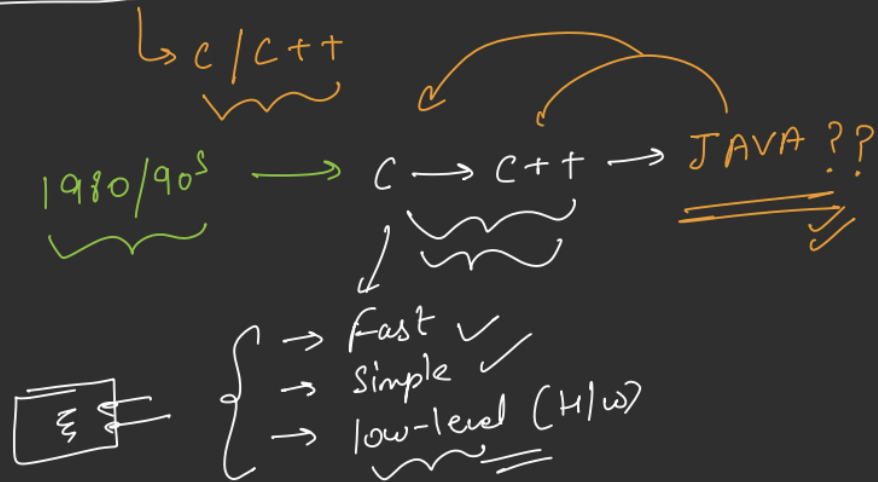
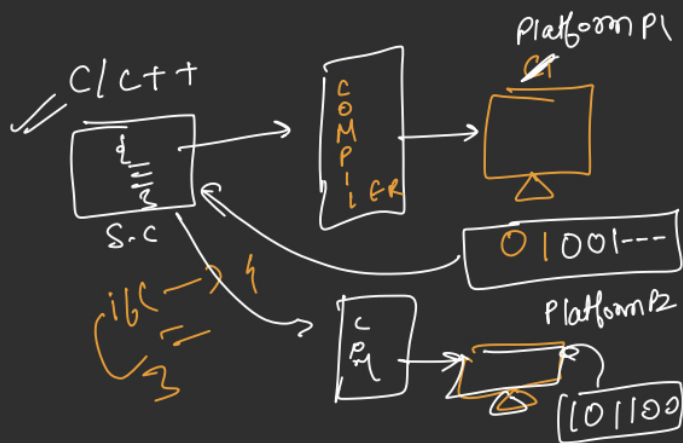


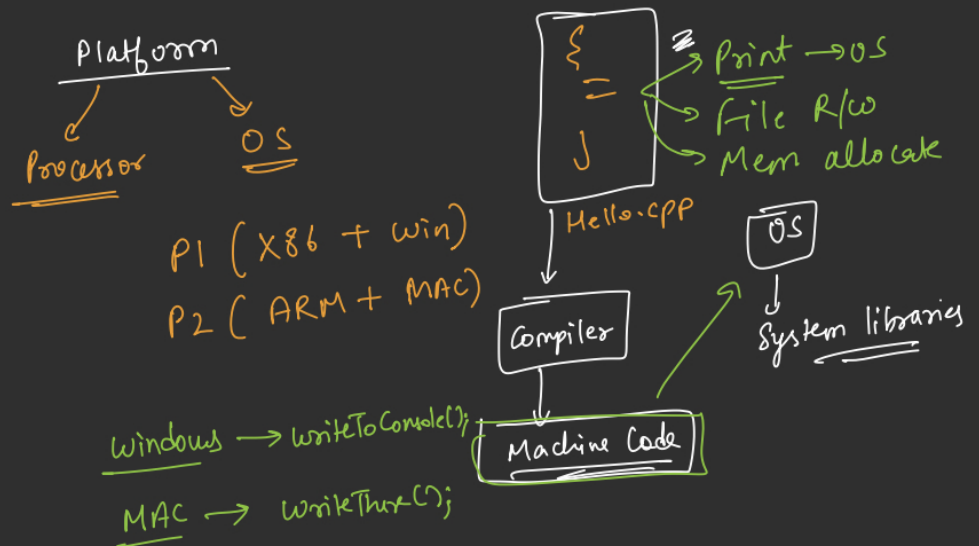
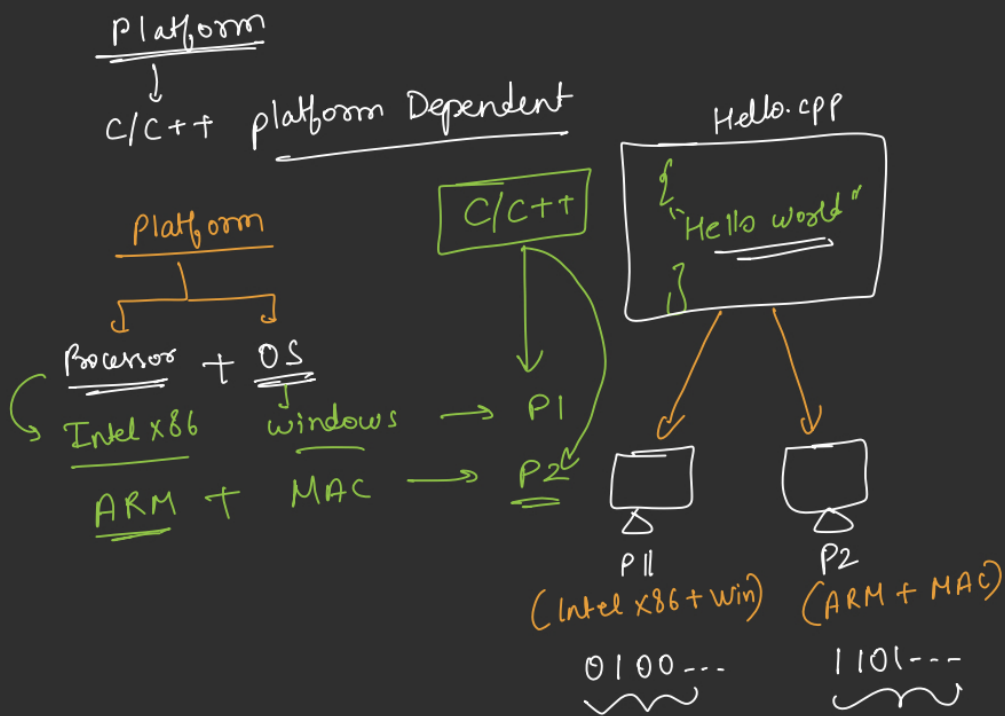
## Introduction to Java

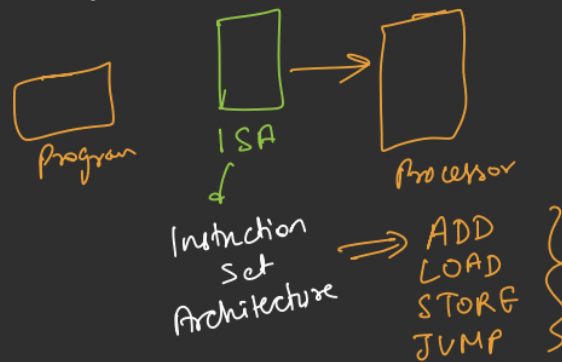
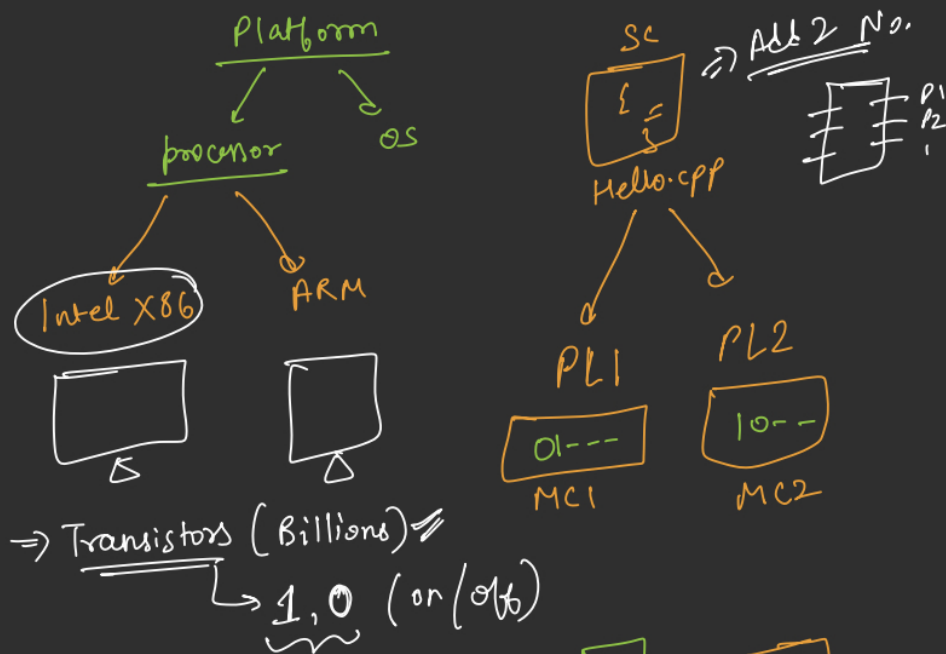


## Why Java ??

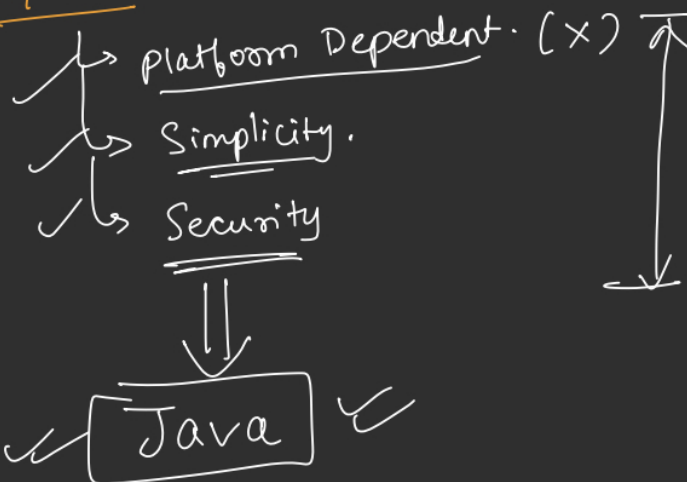
C/C++ → portability







C/C++



## Java

↳ Portable  
↳ Simple  
↳ Secure



(BYTECODE)

C/C++

Indian

China

Spain

C/C++  
SC



010---



110---

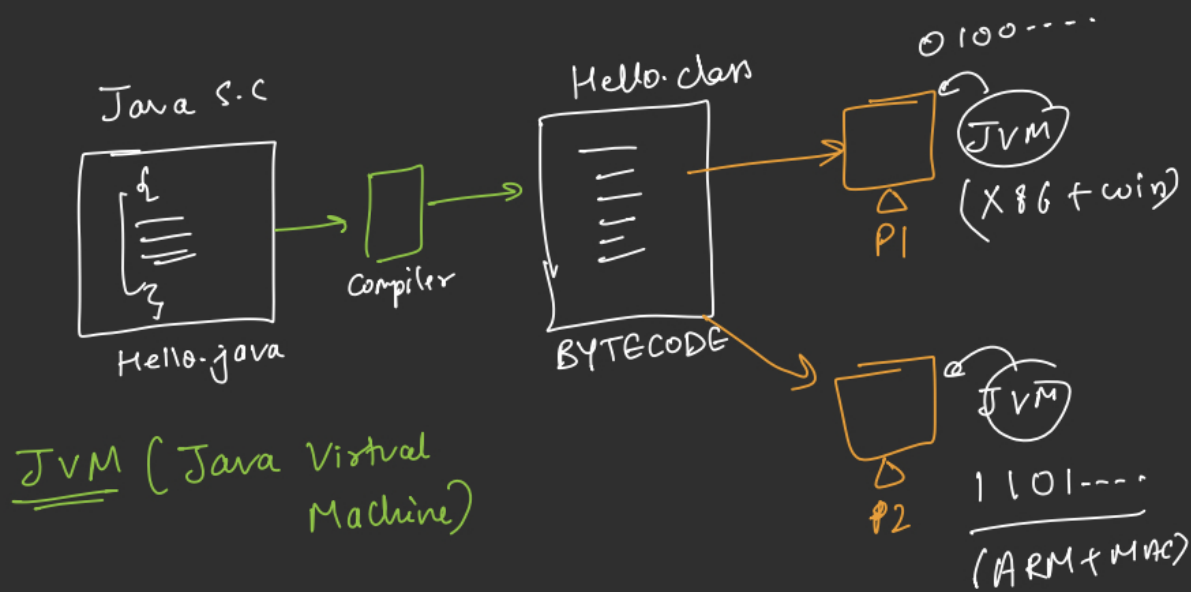
Java

Indian

China

Spain

Translator

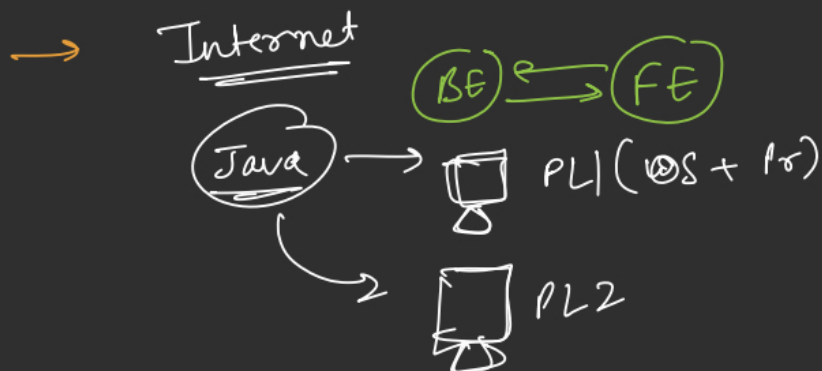


→ Java is portable  
(Platform Independent)

→ WORA  
↓  
Write Once, Run Anywhere

→ Set top box, TVs, - - -

Java → processor



Java

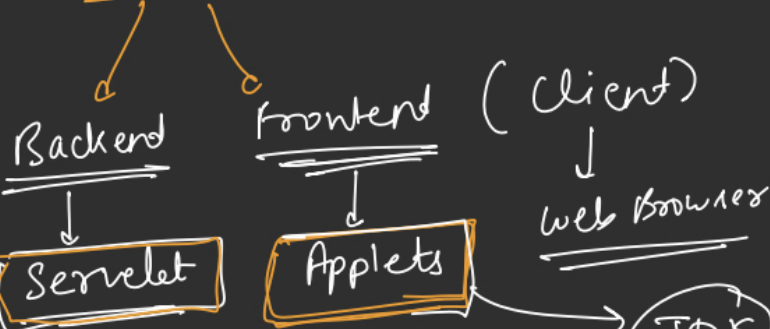
- ↳ Portable (✓)
- ↳ Simple (✓)
- ↳ Secure (✓)

JVM

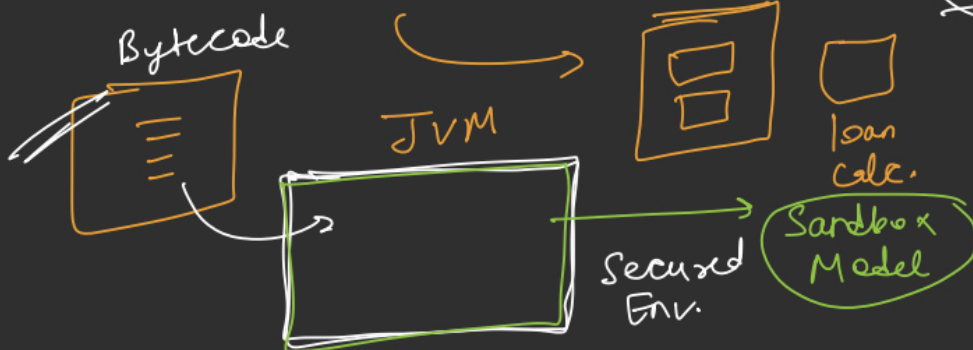
C/C++

- ↳ pointers
- ↳ Multiple inheritance
- ↳ Manual Mem. all/ deals.

Security



JDK 10, 11 X



Java

↳ Bytecode (JVM)

C/C++

↳ Bytecode → (CVM)

Microsoft → C# → close  
cousin  
↓  
C++

Java

↳ C# }  
↳ Python }