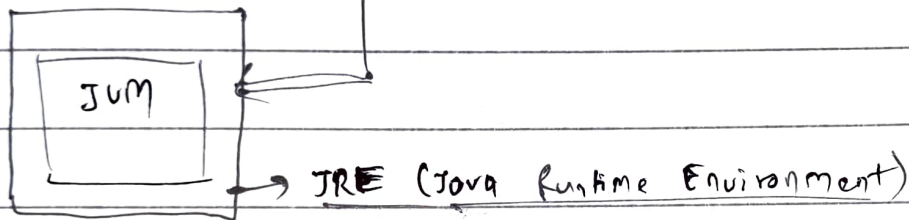


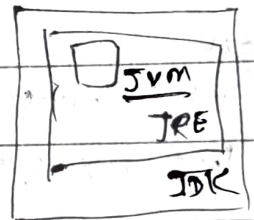
DATE:



Java
code compiler
 (Javac)



OS
Hardware



Of all the files you have, when you give a file to compile it starts from main method.

Once you install JDK you get JRE & JVM

Shell

javac Hello.java

java Hello

DATE:

Data Type

Primitive

Integer \rightarrow byte, short, int, long

Float \rightarrow double, float

Character \rightarrow

Boolean

Integer

int \rightarrow 4 bytes \Rightarrow

long \rightarrow 8 bytes \Rightarrow

short \rightarrow 2 bytes

byte \Rightarrow 1 byte $\Rightarrow -2^7$ to $2^7 - 1$

-128 to 127

float \Rightarrow 4 bytes

double \rightarrow 8 bytes

char \Rightarrow 2 bytes

float num = 5.6f

DATE:

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implicit casting -> casting
explicit casting of conversion

byte a = 10;

byte b = 30;

int result = a + b (Type Promotion)

