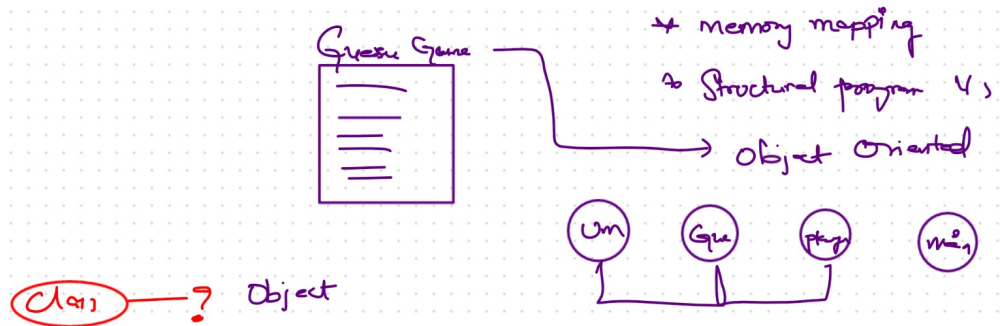


Object Orientation & Object Creation



Wrapper Class

Primitive types

byte b = 5;

short s = 10;

int i = 1000;

long l = 500009L;

float f = 567.32f;

double d = 123512.679;

char c = 'A';

boolean b = true;

introduced

Wrapper Classes

Byte b = new Byte();

Short s = new Short();

Integer i = new Integer();

Long l = new Long();

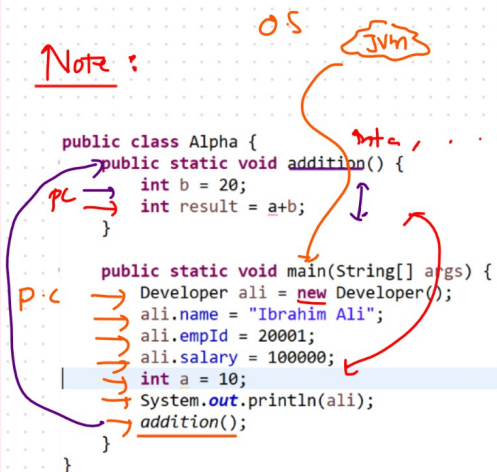
Float f = new Float();

Double d = new Double();

Character c = new Character();

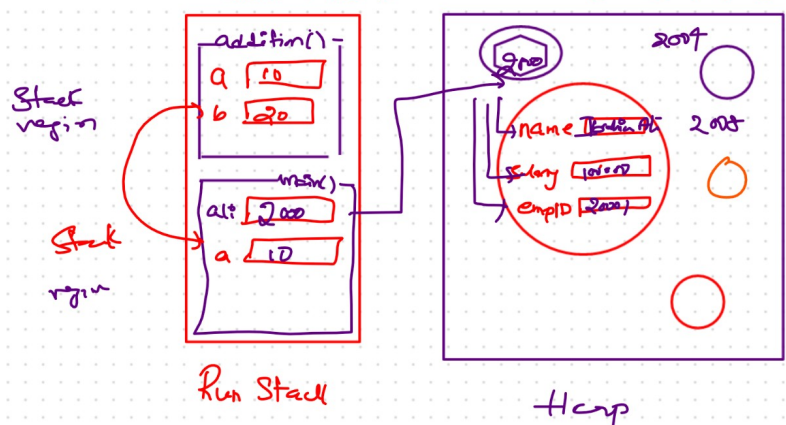
Boolean B = new Boolean();

Note:



Note: object → Heap
primitive types → Stack

Memory Mapping



Note:

→ Java is not 100% Object Oriented Programming Language because there is a usage of primitive data type

→ we can make our project 100% Object Oriented by using "Wrapper Class"

int a = 0

↓
Integer a = new Integer(0)

Disadvantages

→ The use of wrapper class occupies more memory