

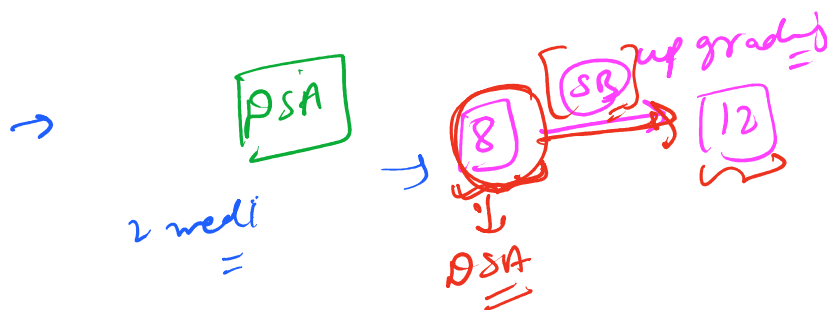
Kunal

→ 2 years

→ SDE-2 at Disney Hotstar
↳ notice period

Microsoft

- clear the concepts, doubts
- Develop your thinking skills
- keep from basics
- Raising challenges
- being friendly



→ 9-11:30 } → 15 min
 ↘ 11:30

→ 2 players are playing Badminton

A B → [A A A B A A A A A A] → Google
OO) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A)

o/p



Spring Boot

- GoPSs revisited
- Music App
- Client - Server Architecture
- APIs
- Maven
- Spring and Spring Boot
- Build Backend apps in SB
- Databases in Spring Boot
 - ↳ 20 lines JDBC
 - ↳ 1 line

OOPS

- ↳ Object oriented programming
- classes and objects

Classes

- ↳ blueprint of an object

class Student 51
→

Object

↳ exists in memory.

Constant

↳ constructs object

↓
first function that is called when we use new
keyword.

→ Java By default adds a cons structor if programmer has not written a single cons structor.

④ Either Java writes the constructor or programmer writes the constructor but both will write ~~not~~ together.

100%

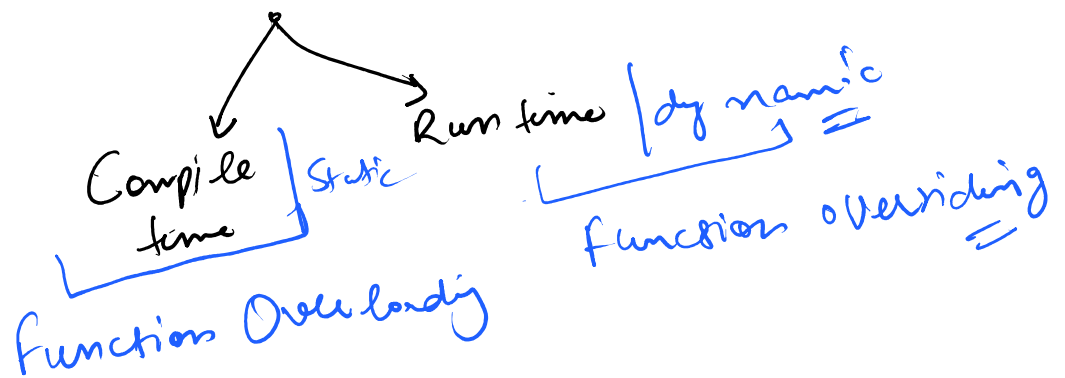
both will write ~~not~~ together.
not

→ Default Const → const without parameters

OOPS

- Inheritance
- Polymorphism
- Encapsulation
- Abstraction

Polymorphism
↳ many forms



Functions over loading:

↳ same method name but
diff signature

→ return type is not considered
in method overloading.

in mem.

⇒ Method Overriding

↳ Run time polymorphism.

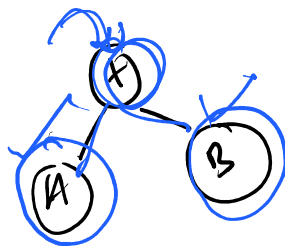
method → own class → parent
child
(1)

Parent P = new Child() ✓
Child C = new Parent() ✓
method overriding

→ methods are decided by object ✓
→ variables are decided by ref. ✓

Compiler Design

##



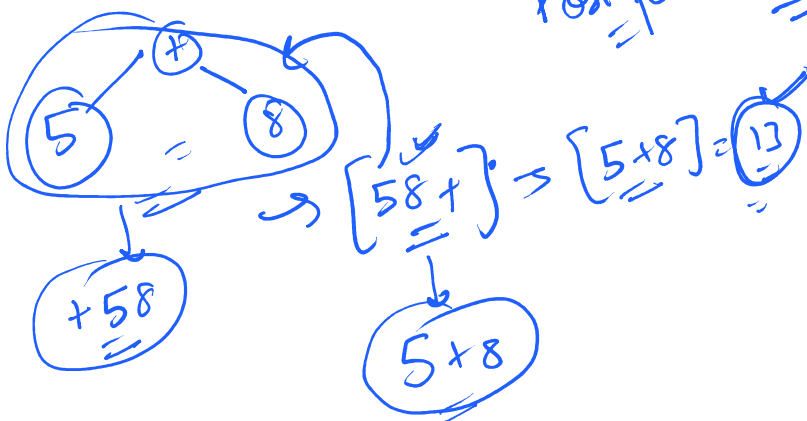
Infix: A+B

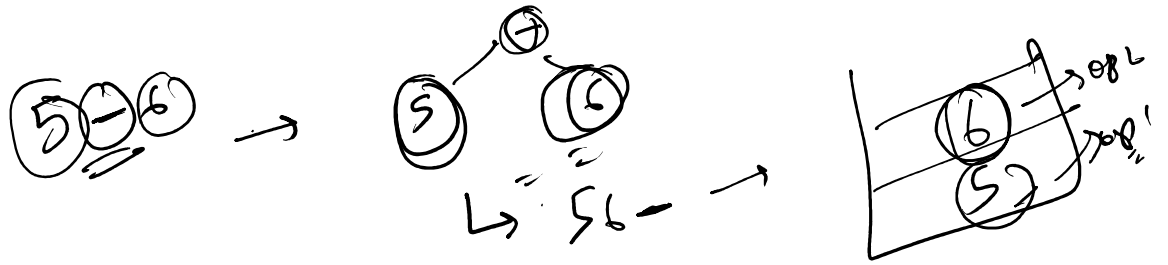
Prefix: PAB

Postfix: AB+

Compiler

Show of knowledge





→ Prefix → Post, Infix is easy

↳ logic is same, think of diff



→ Infix

↳ procedure, brackets