

OOPS : Object Oriented Programming Structure

- Abstraction
- Inheritance
- Encapsulation
- Polymorphism

Classes & Objects:-

```
class Mobile {
    int RAM;
    int storage;
    String OS;
    int battery;
    string name;
}
```

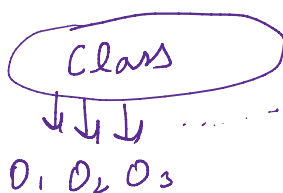
Galaxy
8
256
Android
4500
S20

iPhone
4
128
iOS
3000
iPhone13

```
class Users {
    name
    dob
    gender
    :
}
```

KRISH
—
—
—
—

Rakesh



Constructors:- Used to create an Object of a class

```
class Mobile {
    RAM
    Storage
}
```

iPhone

Redmi

Lumia

iPhone

RAM: 4

Storage: 128

Redmi

RAM

Storage

Lenovo

RAM

Storage

class Name &

String First

String Last

?

Access Modifiers / Specifiers:-

<https://www.javatpoint.com/access-modifiers>

Access Modifier	within class	within package	outside package by subclass only	outside package
Private	Y	N	N	N
Default	Y	Y	N	N
Protected	Y	Y	Y	N
Public	Y	Y	Y	Y