

The main difference b/w activity and sequence diagram is that:

- Activity Diagram will give you more generic details of your functional model or behaviour of your use case
- your sequence diagram will give you details at object level, how their state will change & it will give more detail of how they'll communicate with each other when there is a complex logic behind is being executed.

⇒ Object Oriented Basics (Venkatesh Code Labs)

→ Overview OOP

- Using objects to build the system
- OOP organizes the program to combine data and functionality & wrap it inside something called an "object"

• Object

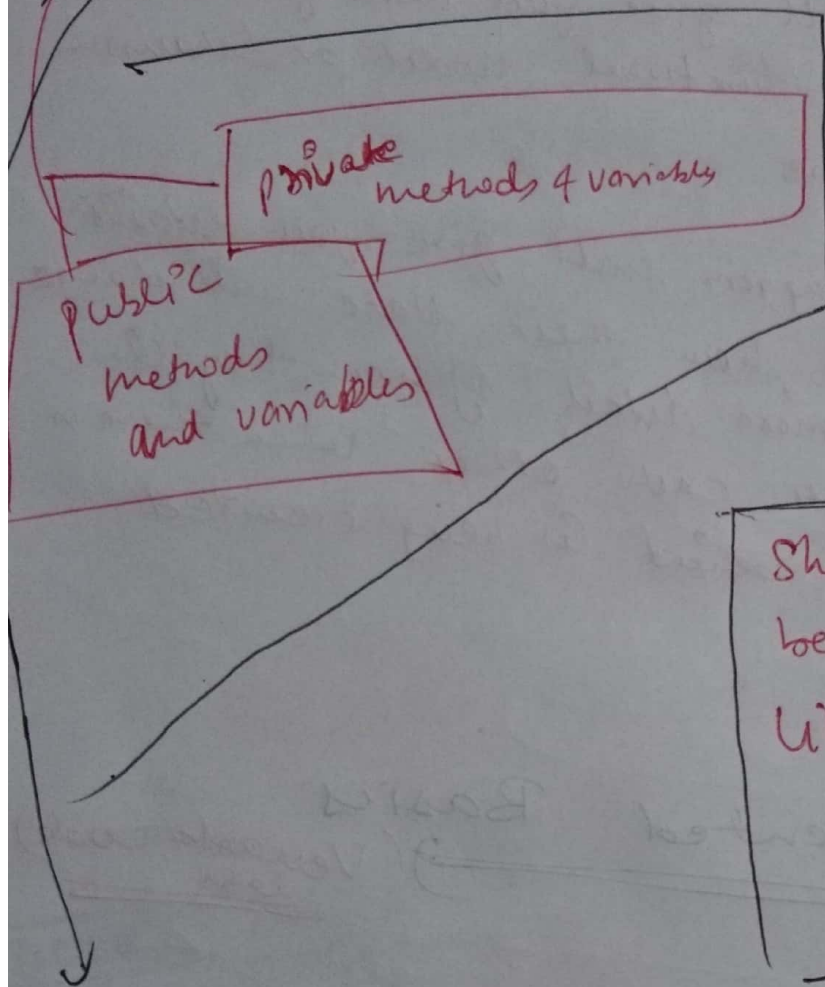
• Class [blue print of an object]

• Encapsulation

• Inheritance

• Abstraction

• Polymorphism



Showing intended behaviour to world
Like how acceleration in car works & how you use it

Inheritance

class A:

def __init__(self):

def get():

Class B(A):

def __init__(self):

Polymorphism

