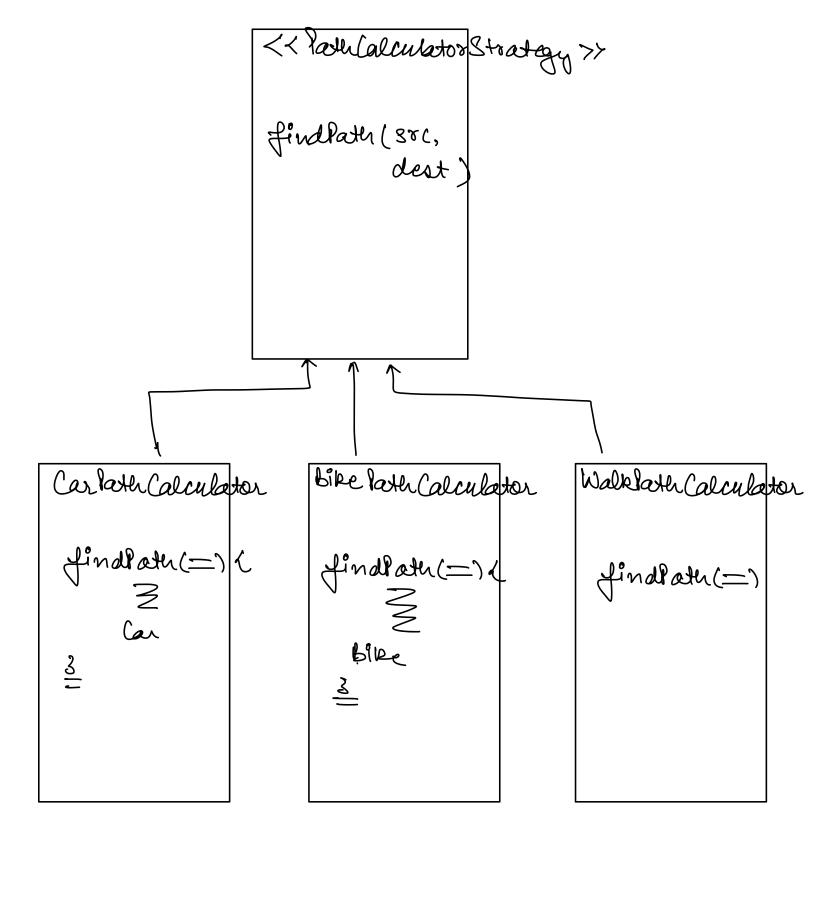
Behavioural Design Patterns.
Related to behaviours actions methods.
Strategy Design Pattern
=> Google Mars.
[Can] [B1122] Walle
-> Distant made no transportation.
=> Different mode of transportation.
=> When me search for a path en gogle mage it provides us multiple paths for different mode
ef transporations.

Google Maps & finditater(8xc, dest, mode) < if (mode == "(ar")( Clse if (mode == "Bike") { Clse if (mode = - ) ( => When me have multiple ways of doing something often me see the violation of design principles like SRP 4 OCP => This can be solved using strategy. # Radher Man implementing these behaviours In a same method, move these into Separate classes for each way of doing something me'll create a new class.



Client- > Google Mape.

Path Calculator PC;

Findlath ( Source, dest,

mode) <

PC = PCF. getPC for Mode (mode);

PC · findlath ( Soc, dest);

PC · findlath ( Soc, dest);

```
Path Calculator Factory

CPC cpc = new CPC();

BPC bpc = new BP(1);

get Path Celculator For Mode (mode)

if (mode = Car) L

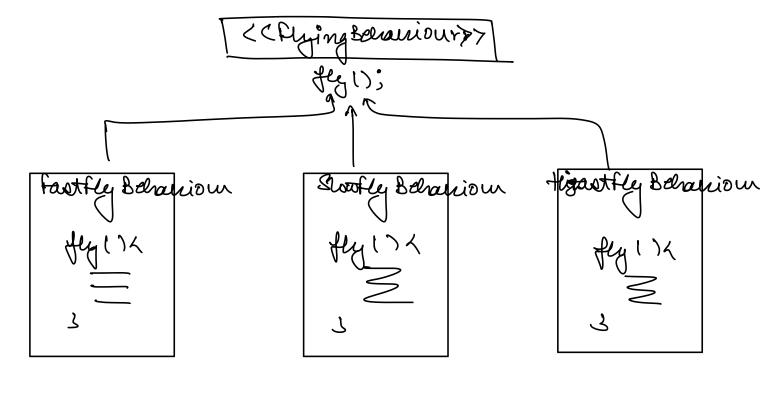
return CPC;

Clse if (mode == "bilery") {

return bpc;

}

Multiple ways of doing something.
```



Stoategy: Multiple ways of doing something.

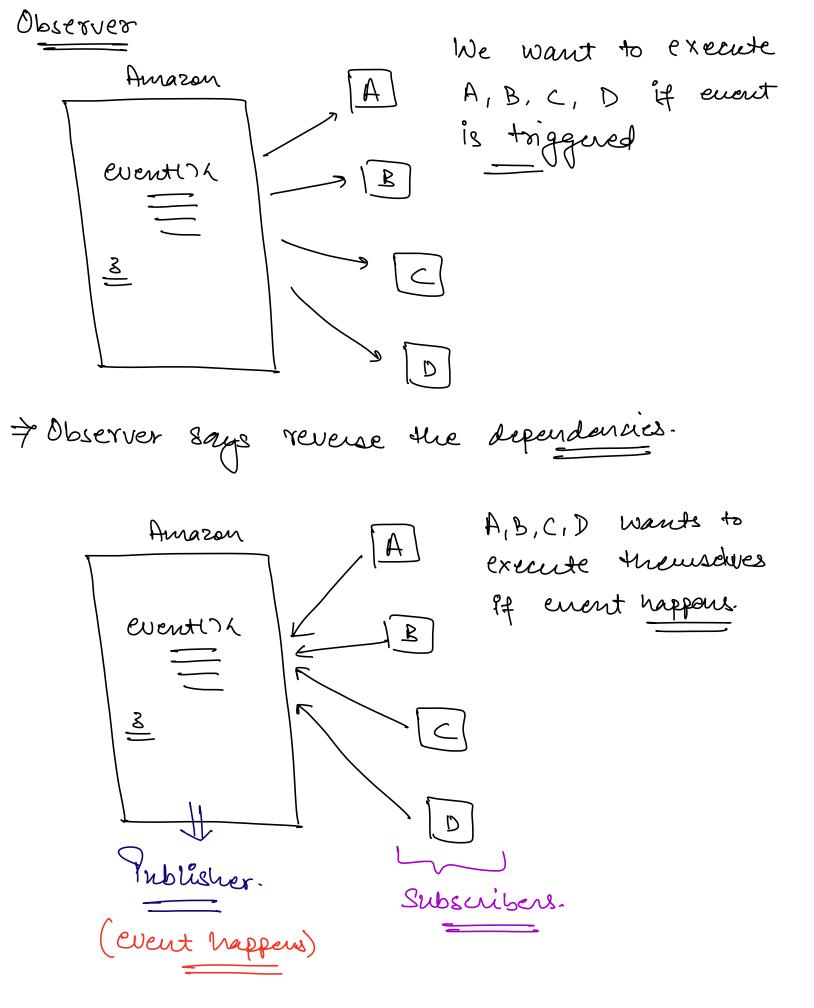


	_
Amazon	
InvoiceGenerator	ig = -
Logisticservice l	2 <sup>1</sup> =
Inventory Service	is =
Notification servi	ee us =
Order beefix	enent.
ig. generates	mudice();
ls. update 15	
98. cliecke Du	w();
Ms. notify()	
$=$ $\sim$	
i i	

## Problem Statement

When an event trappens, We might want to do lot of things i.e to add (remove some actions that we need to perform. In this case we've have to do code changes and times compilation of Appl" would be required.

> We can't add remove functionalities at suntine.



Traister for Order laced (OPS OPS) 1

Jist (OPS > Subscribers;

register for Order laced (OPS ops) {

Subscribers add (OPS);

3

Order laced () {

for (Subscribers) {

Subs. on Order laced ()

3

3

Invoice Notifich Seller Inventory

Generator Service Service Service

InvoiceGenerator() {
segister for Order laced (4003)
3

Invoice Generator object is registering itsey for the event-