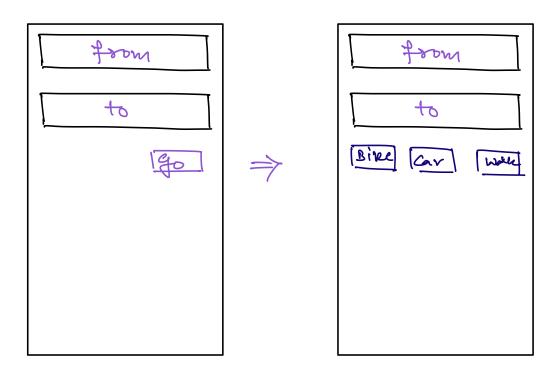
Behavioural Design Patteons.

Actions Methods.

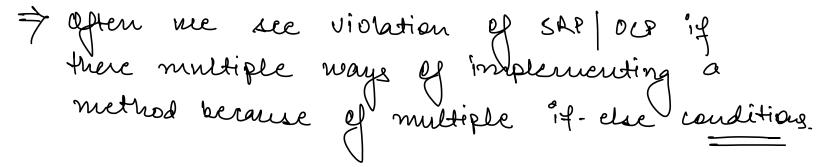
- => There are some special kind of behaviours that needs to be implemented for an entity.
 - 1) Strategy
 - 2 Observer.

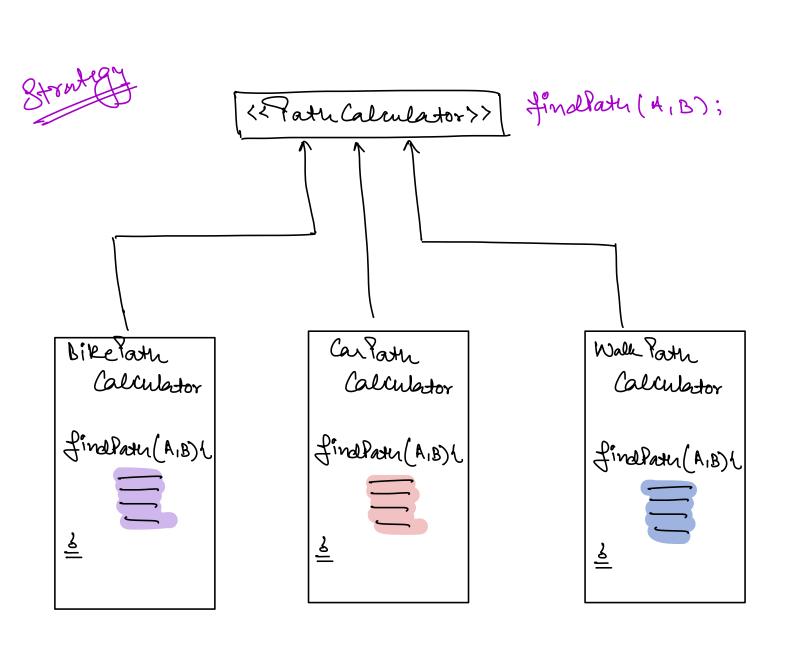
STRATEGY.



=> When me search path from point A to B on Google Mags, it suggests ne different Path based on made of transfortation me are using. => Google Map C find Path (from, to, mode) h if (mode == Car) L SRP X CPC = new CPC(); OCP X $\overline{}$ cpc. findledu(-); Else if (mode == bike) (

RD1 = new BPC = new BPC (); bpc.find?atul); else if (mode = = -) { are multiple ways





Google Map

PathCalculator PC:

findlath (A, B, male) (

if (mode = = Car) (

PC = new CPC();

Else if (mode == "Bike") (

PC = new BP(();

3

```
Path(alculator factory

Static:

Getlath(alculator for Mode (String mode))

if (mode = car) L

RC = new CPC();

Else if (mode == "Bike") L

RC = new BP(();

3
```

Google Map

PathCalculator PC;

find Path (A, B, neade) 1

PC = PCF. getPCfor Mode (mode);

PC find Path (A, B);

3



Anazon

OnorderPlaced()

and OnorderPlaced()

=

Amazon Order Facade

On Order Placed ()

In voice Generator ();

notify seller ();

manage Inventory ()

logistics Service ()

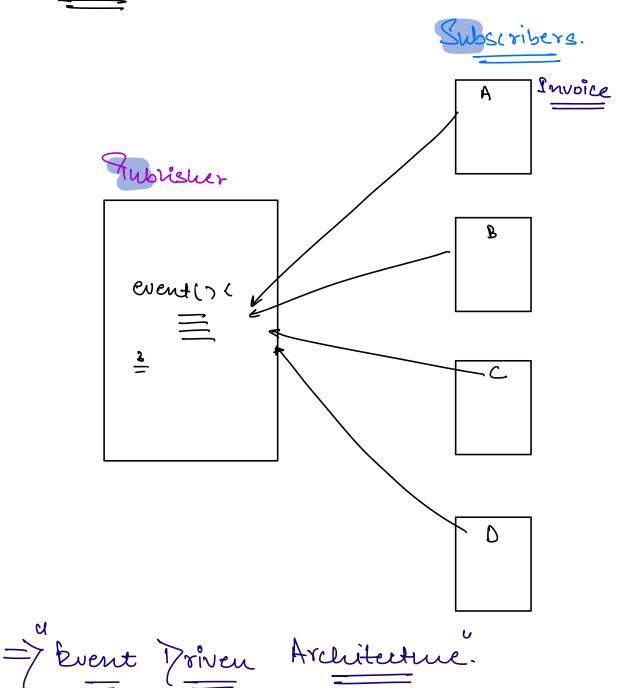
= 950

Problem Statement

The we want to add remove something from the list of actions, we'll have to do the code Changes.

? We can't add/remove actions at runtime.

OBSERVER.



The when an event gets published, multiple Subcribers mond like to get executed.

1.	Create	different	Classes	for	each	sul suiter
		all the sul				
8.	- And lie	sher Should remove a <u>s</u>	Provide Subscribe	a fre	uctiona the eve	lity to
« On Order Paced Subscriber >> On Order Paced ();						
_					_	
•	Invoice Generator	GST Calu		Notify Selver		refistic Genvice ===

Amz Du Order Placed List (Onorder Mccd Rubsuiber) Subscribers; Statifadd Subscriber (DDPS -) < subscribers add () On order Paced ()X for (Subs sub: Subscribers) L Sub. outrder (beed); 둘 Invoicegenementor. Invoice Generator () ¿ Amazon On Order Maced · subscribe (this); <u>ਰ</u>

Implementation.