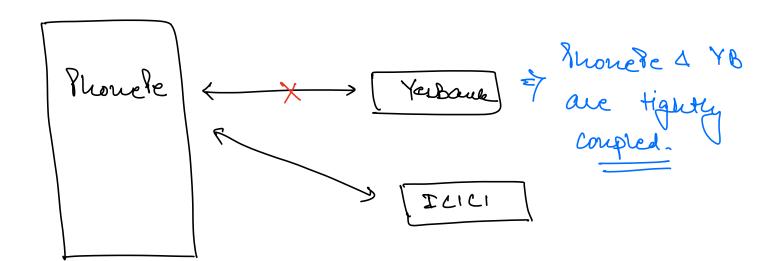


Problem Statement.

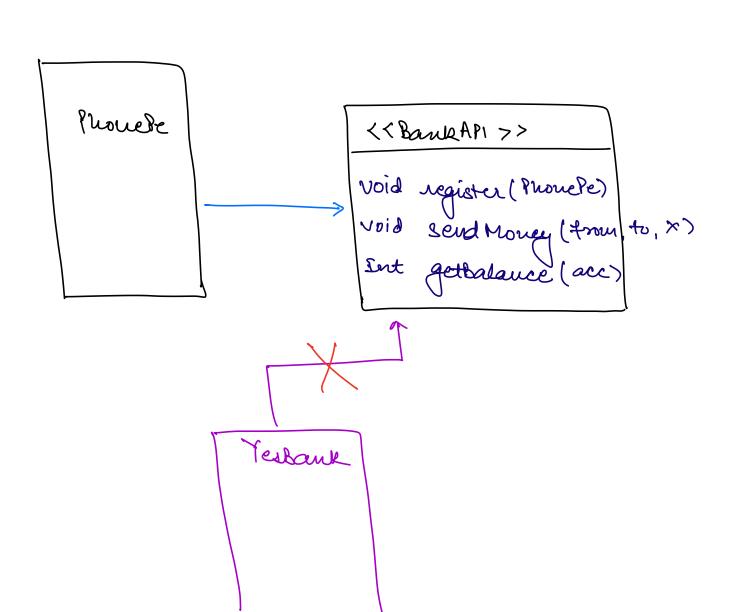
- > We might have to move from one 3rd party to another 3rd party.
- > We might also want to integerate multiple zrd party service providers.

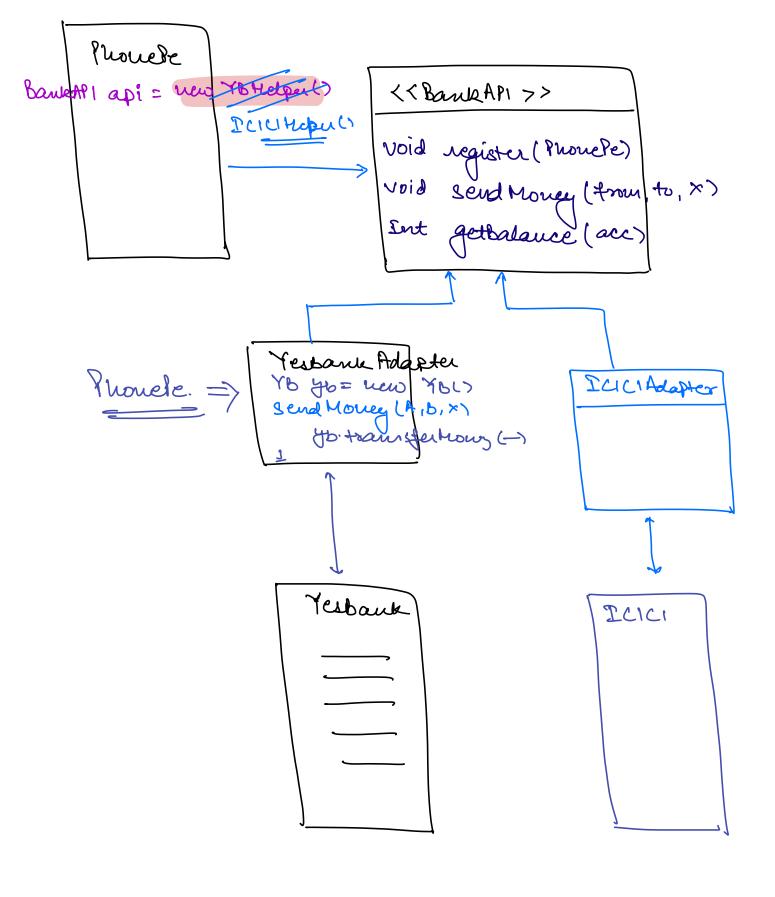


Flagter fattern ensures that our codebase remains maintainable whenever we are talking to 3rd party AN's.

F) If our codebase is directly talking to 3rd party libraries, it involves a lot of tight coupling blw our code & 3rd party system & it makes our code & sure system & it makes

=> Whenever we are connecting to a 3rd party API, we should use an interface in blus-

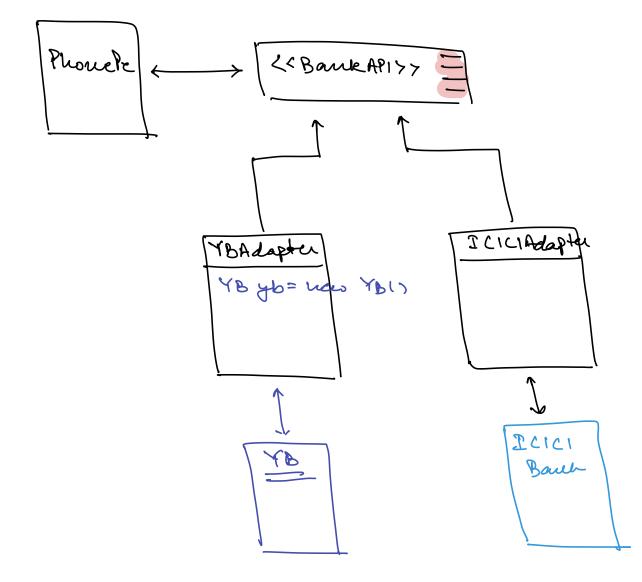


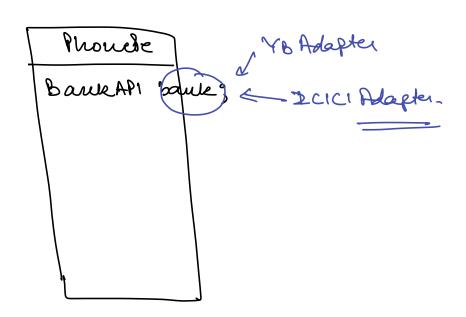


- => thow to use Adapter.
- Doheneuer me are connecting to a 3rd party API.

 Create an interface mith the methods that me

 need from 3rd party.
- As 3rd party will not implement this interface for us, we should exacte wrapper [thelper | adapter that implements this interface using the 3rd party Apris.





FACADE

Exterior | Boundary et a Building

=> Provides a cleaner | simplified view of complex System.

> bonn - Bank Relationship manager

Amazou Au the steps that should Logistics Service ls; get executed if an order Nothservice Msj Deléveryservice de is placed. → Update Siller on Order Paced C) (- Send Notifications. Us update logistics () - Update logisticsScruïce ns. Send Dotats ds. update Den() - delivery Service ts. track() -> trackingService

=> Currently all the more of what will happen if an order is placed is being some in Amazon class.

-> This might make Amazon class to bulky

FACADE: Whenever you find a method | class that is doing too much of more then instead of doing that more within the same class interface. More that into some helper facade class.

Amazon Orderlaced Facade
Obj;

On Orderlaced () {
Obj. on Orderlaced ();

}

Amazon Drdullaçed Facade

Logistics Service ls;

Nothservice ns;

Delivery service ds,

Du Drdenlaced () (

Us. update Logistics ()

MS. Send Dotal)

ds. update Dan()

ts. toack()

=

Conclusion.

ADAPTER => 3rd Party

facade => provides simplified view of complex tuings.