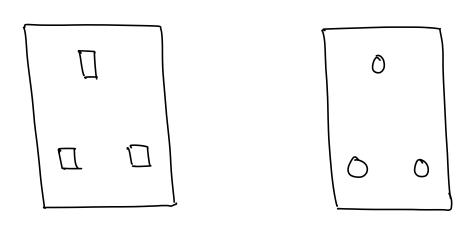
> Stouctural. Design Patterns. Adapter. Farade.
Adapter.
farade.
Structural Design Patterns
Structural. Design Patterns.
-> tlow to structure your codebase.
what all the classes you should have
in the codebase.
what all the Classes you should have in the Codebase. How different classes are going to talk to each other.
to earn other.
ATAPTER DESIGN PATTERN.
Pomer adapter.
Type c adapter for Macbook.
Type () Type (A)
Type () Adapter.



=> Adapter.

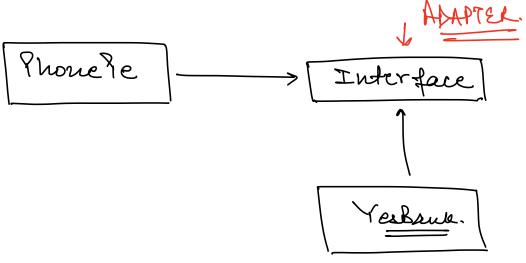
Intermediary layer that connects transforms one from Into another form.

HDMI Typec

Apple developers need to talk to only one type of input he type C. They don't trave to make their travely sw compatible to all the different type of inputs, this responsibility conversion of one type into another type is given to Adapter.

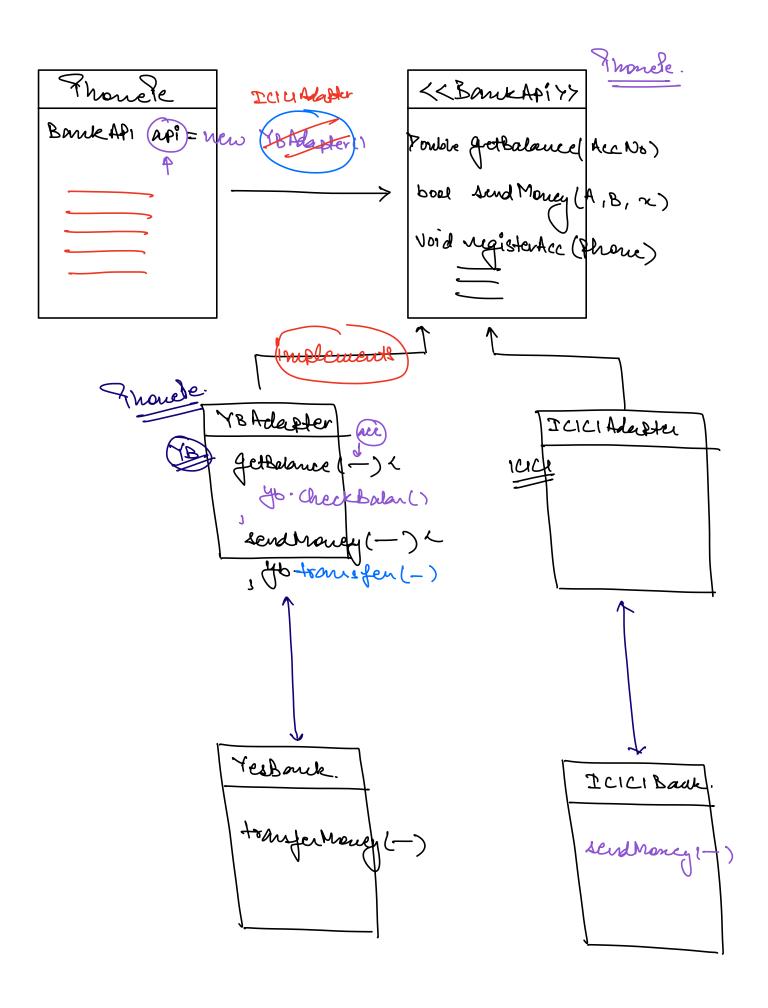
AWS Cloud Service.
=> Payment GW.
Phonele Combande.
Problem Statement.
Om eystem should remain maintainable while talking to 3rd party API's
Thompse TB. () YB. () YB yb = new YB. ()
Forty Api's, it involves tight loupling blow your codebase & 3rd party system. This affects maintainability of your codebase.

Party API, you should talk to them via an interface.

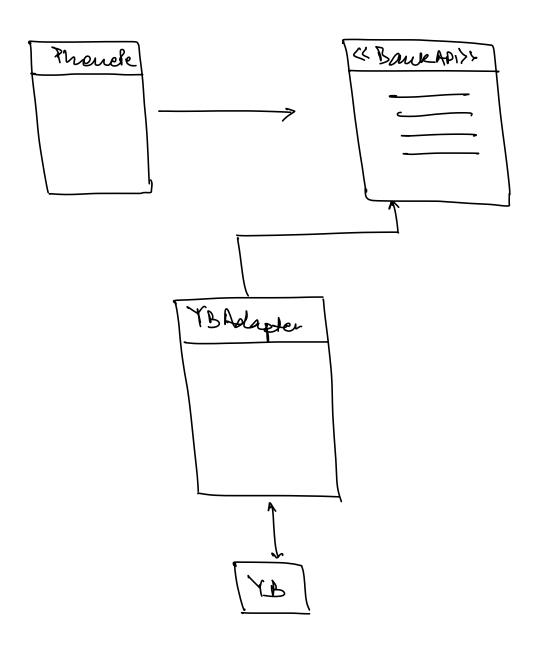


=> thoro to use Adapter Rattern.

Du codebase & 3rd janty.



As 3rd party will not implement this interface, create an Adapter clase to implement the interface that uses the 3rd party Apris behind the scenes.



FACADE DESIGN. PATTERN.

foort Boundary of building

> Provides easy to understand representation to a lomplen environment.

Amazen Order Placed

Notification Service ns;

Legistics service us;

Se ver service ss;

Payment Service Ps;

on Order laced Line

ns. notify(-);

Us. updatelpgisties (-)

Ss. update seller (-);

19. CheckPayment(-);

3

Amazen Order Placed Helper

farade.

Notification Service ns Logistics service es; Se ver service es; Poyment service ps;

on Order laced Helper ()

ns. notify(-);

Us. updatelpgisties (-)

SS. update seller 1-7;

13. CheckPayment(-);

3

Amazen Order Flaced

Amazon Order Riccottelper helper:

on Order laced () (
helper ou order laced tresper ();

<u>ا</u>

HCADE.
Therewer you find a method/class that is doing too much of more, instead of doing that more within the main class, create a teleper/facade to do that work.
Phonese Scicibale Testante
Phonele Icici Adaph PCICIDante
facale.
=> Creating helpen/facade danses to make our code book cleaner.

*