#### => Now to approach derign problems

### -> Type of LUD graterieus;

	4
Consulting firms  4 Drack, Kokk, Margan Stady, Stakment, Oskyon of  Proc., Deboilte to derign it	end to end code  no med for diagrams  propuly broken down  problem statement  d house

## 4 projects

(i) Parson des 7 Seat [commund ingester compared or of the DP (264)

(1) Springsort

(1) Vit testing (?) — project module

(1) with the algorithm to

windrak tomorrations

(2) (1) 50

tow we use from the machine coding

1) I line PS

11) Cloudy bequirements

11) Requirement gathering derign to washine coding

12) Rehema Design

12) Ede working code

13) Edems

14) Ede working code

### 3 Design a Pen Step > Cut an overview aligning yourself to the thought process of the juternieuer. or you already of you don't know laners about about the lythun the bystem - osle the juterviewen => captain your to give you an overtien curdenstanding to the Puterium & that byle of the broker | brognet are aligned in same thought process.

DI. what exactly do you want me to derign?

Ans => Entities or, EZE redworld s/w derign

Derivat deta?

Ans >> DB or in-memory

Derema Derregn?

Qz thow does the user interact with the system?

Ans > REST API

Command line

Hard Coole

# Stot: hather and clarify requirements in

- -> kuggest ideas with rationale.
- -> 5-8 core features.
- -> my to visualize as a user and suggest ideas
- → Ist down pointer
- for only feature, think about edge cases and future suspe for changes.

### 3) Requirement gathering for Pen:

- I) Any physical entity that can write is a pen
- 11) Supporting peu => Bou Pen, hat Pen and fountain Pen.
- m) bet and bout pen unt have rifit and others want.
  Refile use confain and
- IN) DIFF PULL WILL have diff chans
- of for every per we will have price, type, name, bravel, war

- U1) fanc per will have vibs
- contain vibs
- viii) Niks usu have diff fires
  - IX) Pure can be closed by click, mill or cap.
  - a) peu can vorite
    - ai) peu can françoix
    - a") Pou can be subjued.

Stop2: - Class d'agram

We need to know about entities.

1) visualize to user journey;

(User) hogin -> city -> movie -> theatse -> show

fichet -> payment -> Seets

11) Nous from requirements

Entity - store some suprimations
to say world object

#### -> Pen dans diagrams

# : Class diograms

t => public

- => private

+ => private

+ => private

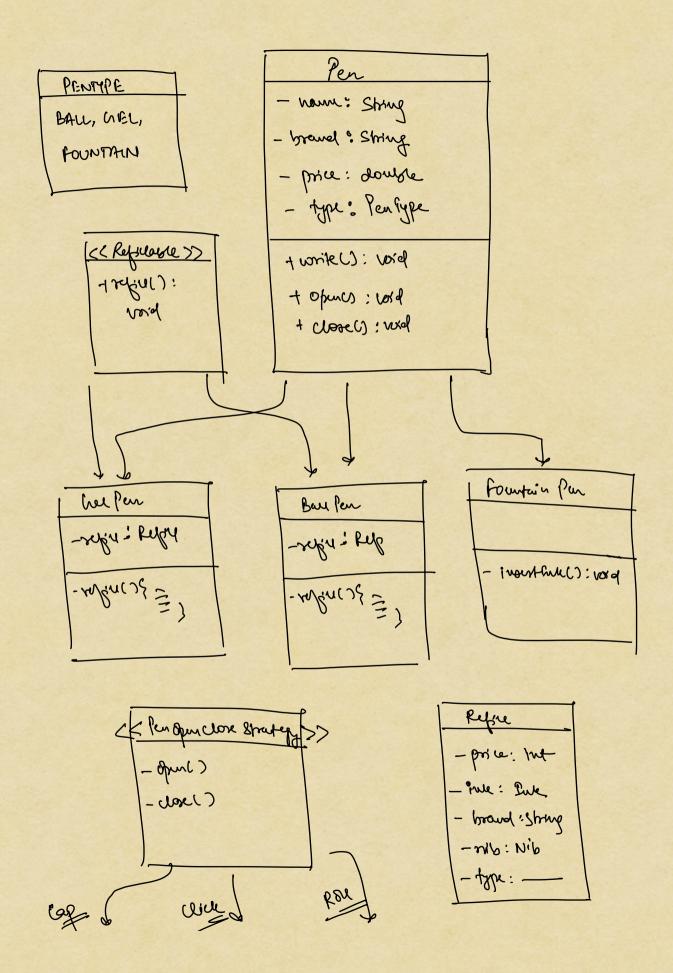
or empty 9: default

Clas Name	
± adrique Name: Dotalype	
+ 1d; int	
- name: String	
Olthibutes	
1 name (para: datalype):	Datasype
elantem	

State => italies

Obstract => prolenjare name | class name => italies

< < P flyance >>



Nib
- size: int
- wateral:
String

- Geofue: Cirk Stund