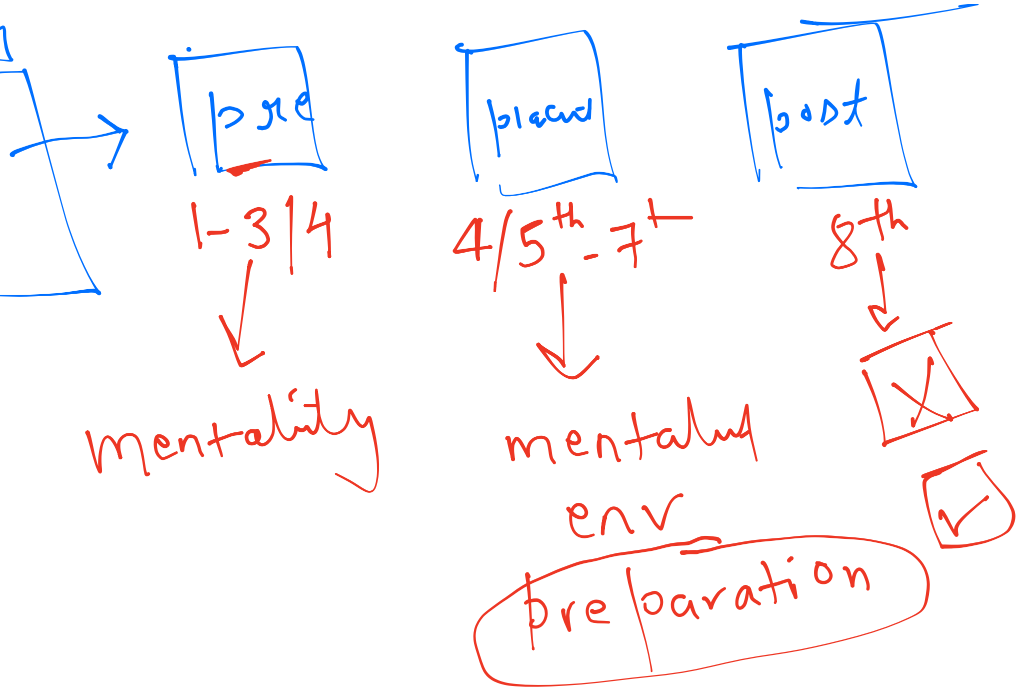
College Journey

Placement

- Coding
- core subjects
- Projects
- Soft skills


pre
placed
post
1-3/4
4/5th-7th
8th
mentality
mentality
env
preparation
✗
✓

pre-placement phase 1-3rd

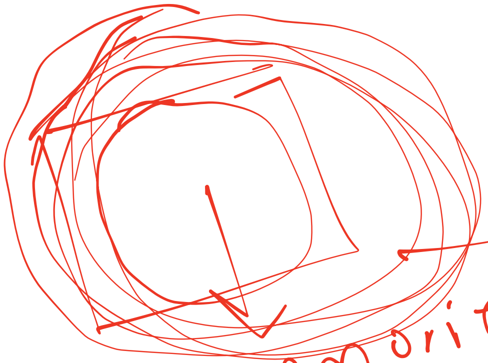
School → college

↳ explore

↳ social skills

↳ Real problem

IMP



memories

placement

↳ env. [placement wala Mahol

mentality → late

1-3rd

preparation X Y

↳ language resource

C++ Java python

Imp → concepts / DS.

coding → 50 – 500

concept algorithm.

50 standard coding → derivation 200

Key points

① Code — 2   basics of DS — 1

② Reall time application

Tree →

Stack → undo → stack

③ notes → time complexity

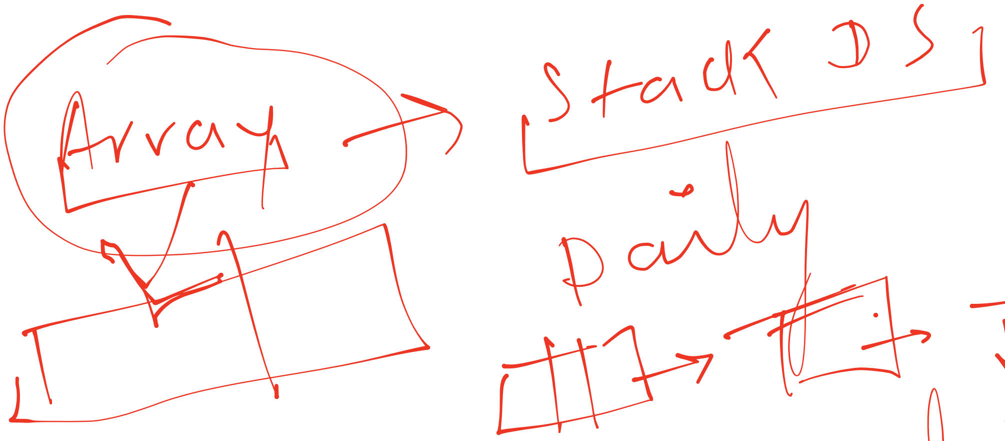
+

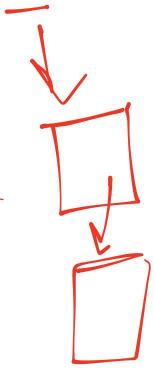
bruteforce → optime

(logic)

④. Github → publish.

⑤ notes revise


Array
Stack DS
Daily



⑥. Read out loud your thought process

Standard

① **Array**

↳ Searching → Linear
→ Binary
(time complexity)

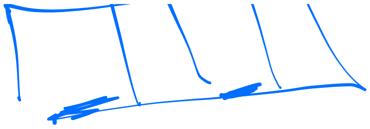
Binary Search

↳ ⑮ ← | derivations

↳ Sorting

↳ bubble sort, Insertion, quick, merge, selection Sort

↳ 2 Sum, 3 Sum, 4 Sum.

㉑ 

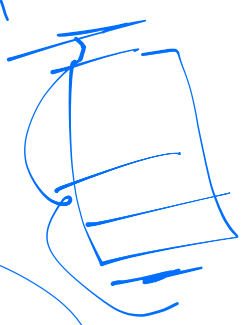
bruteforce → Optimal

time complexity

take u forward.

Jump Game / Staircase problem

[min moves
# of ways



pepcoding

* buy & sell stocks.
↳ 6 variations

Pepcoding

- Kadane's algo
  ↳ Recoding

- Quick select
  ↳ Recoding.

② Matrix

Recoding | take matrix

③ Stack & queue DS

↳ Recursion.

Recoding

④ Linked list

↳ take u forward

5. Binary tree
↳ Code librari

6. BST → Code library

7. Recursion
↳ Aditya verma

8 DP → Knapsack
& variation
eg dropping
LCS & Variation
MCM & variation

Adityaverma

Remaining → pepcoding

⑨ String

→ Code library,
pepcoding

⑩ Graph

→ pepcoding,
Take U forward

⑪. Bitmasking [0s . 1s].

↳ LUV , coding blocks

⑫ Backtracking

↳ pepcoding

⑬ Greedy algo

↳ Code library.

① Array

② String

③ Linked list

④ Recursion

5) Stack & queues

⑥ Backtracking

⑦ DP

⑧ Graph

⑨ Greedy algo

⑩ Binary Tree,

⑪ BST

⑬ Bit masking

Placement

↳ Coding

↳ delivery → Read ~~out~~ load

↳ Core Subjects

- ↳ DBMS & sql
- ↳ oops
- ↳ OS
- ↳ SDLC, OSI Layer

Codylife with Shre

google youtube

google.

Time frame

① Coding

↳ Concepts, algo, time, revision, github, notes, Real time apl.

3-4 months

② Core Subject

DBMS
OS
OOPS
SDLC / OSI

Sql

top 50 sql

1 week

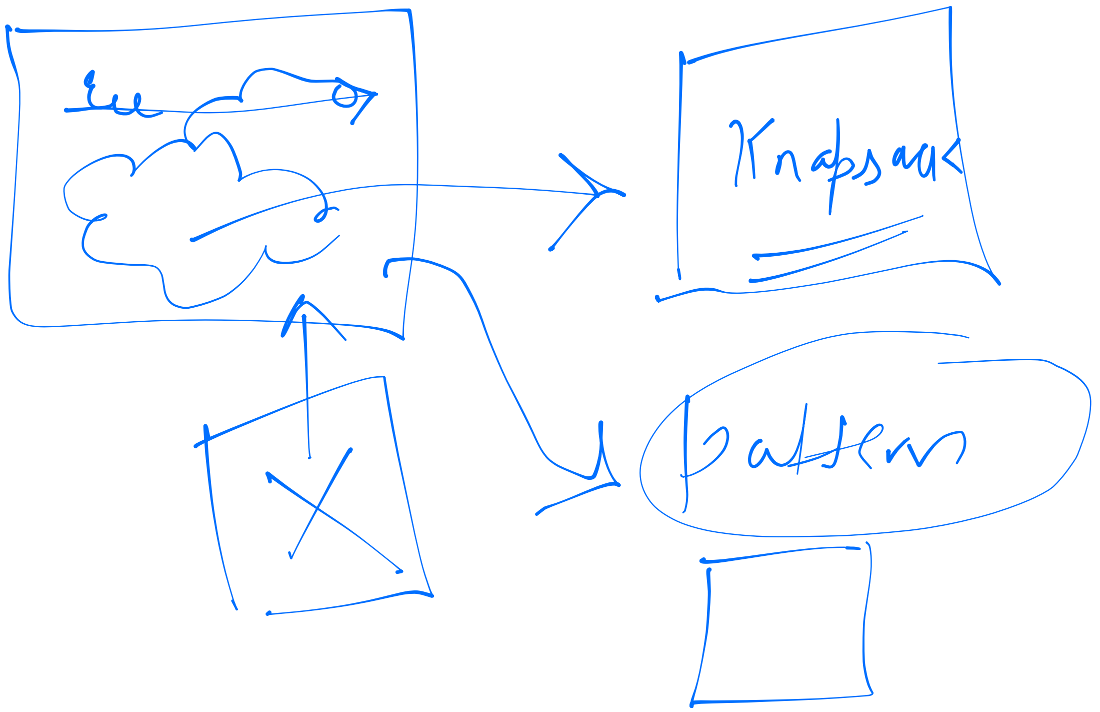
3 project

problem statement

patter

pattern

binary search


Knapsack
pattern

Projects : →

① Learning attitude

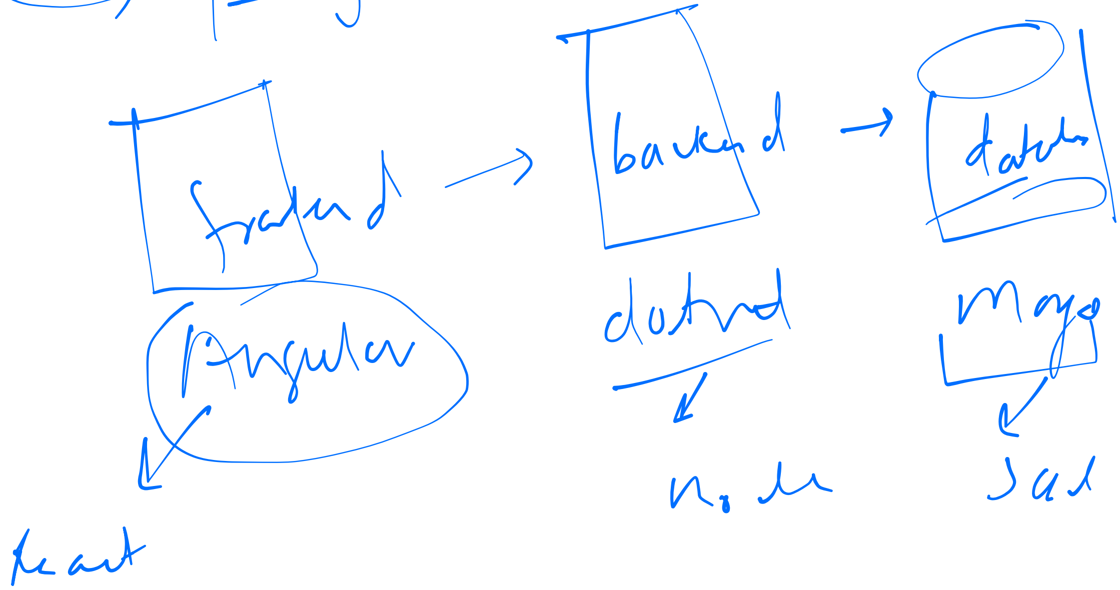
② Learn player

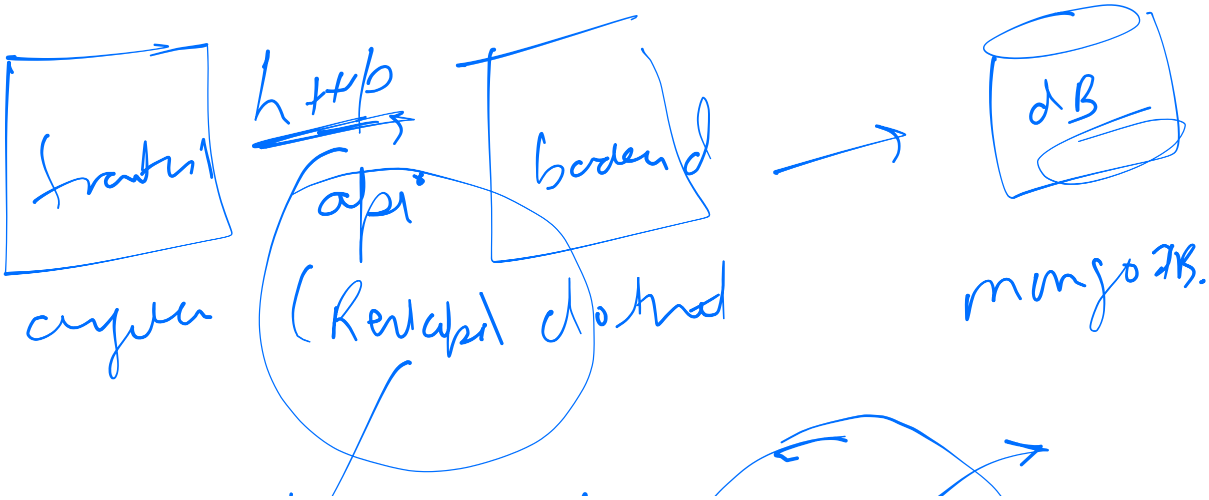
③ Concept clear

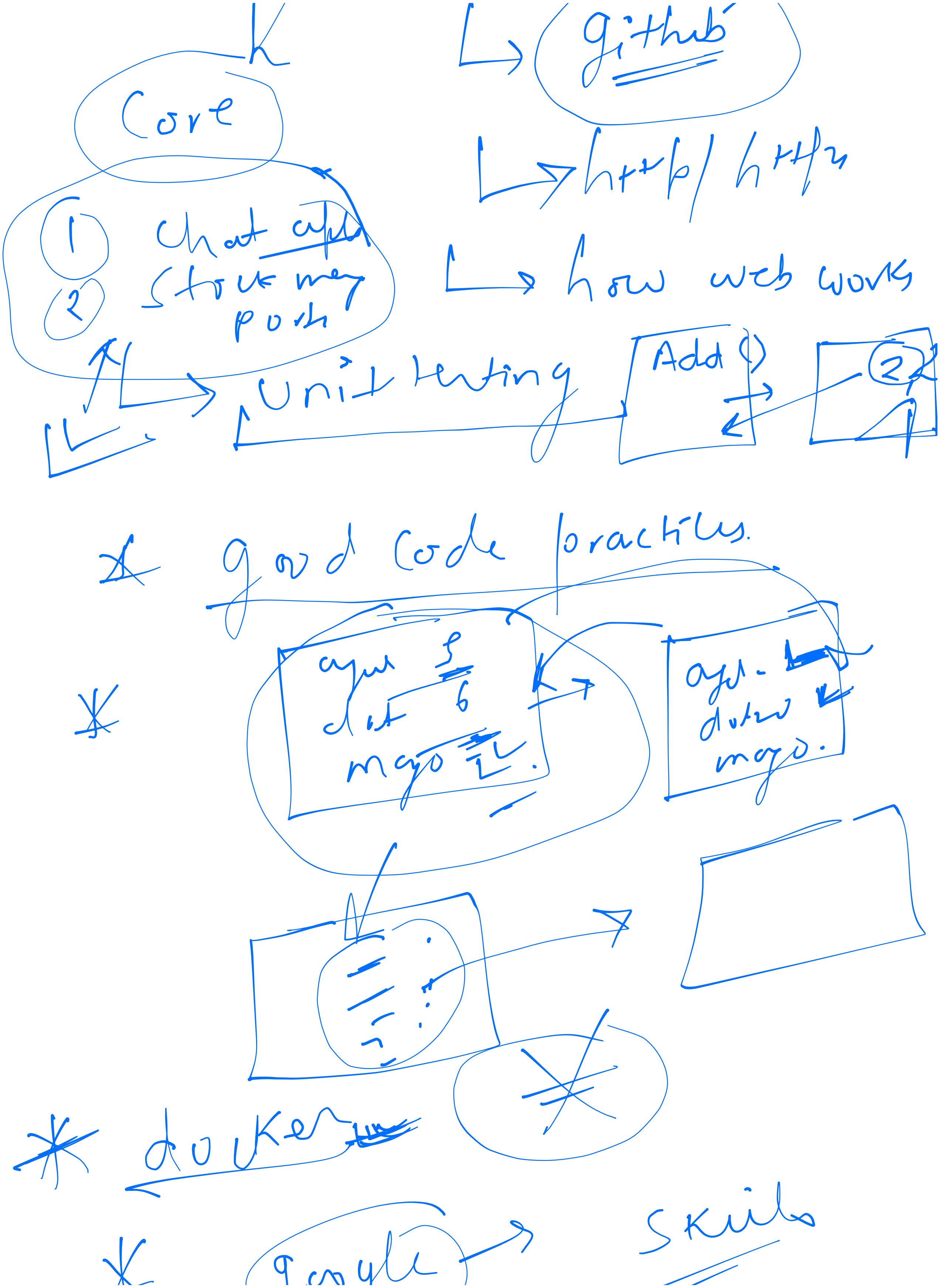
AI, ML Clone,

copy paste.

projects


frontend
backend
database
Angular
dotnet
mongo
react
node
sql


frontend
http
api
backend
dB
angular
(Restapi dotnet
mongoDB.


Core
①
Chat app
②
Stock mgt portal
github
http/https
how web works
Unit testing
Add()
②
good code practices
avg 5
dist 6
mgo ½
avg.
dist
mgo.
docker
Skills

* documentation

api

docum

ideas → draft

* ideas

AI, ML,

unique

core principle

Interview

1 coding ✓

2 projects ✓

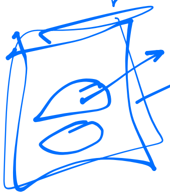
3 Core subject ✓

4 Aptitude → 2 maths

Indiabix.com

5. Resume → fake ✗

agla



html, css

20%. → working on project

6. Communication

↳ deliver

↳ Self taught

prephase ✓

placement ✓

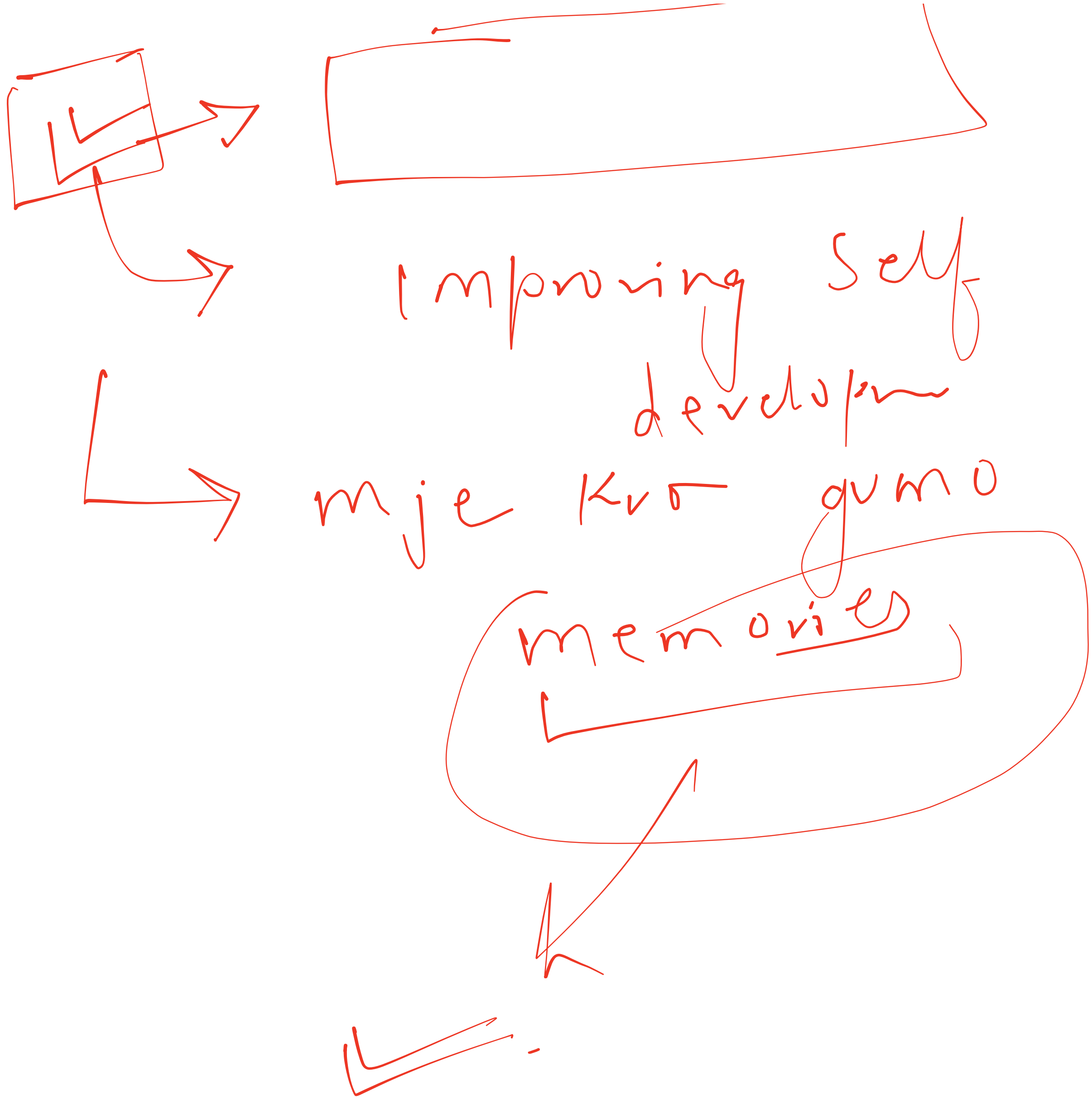
postphase (9th sem)

X. → ① Self doubt X

Interview X

① hardwork ② Luck X

Impwk → ✓


improving self
development
mje kur gumo
memories