=> Object Oriented Programming

Top 3

(I: Basics - Class, object,

constructions

destructions

Problem - Theory (1.30)

II: Inheritance. -> practical (rem)

II: Polymorphism -> dynamic

(IV): Design a coffee machine

Why do we need [OOP]?

reading: uniting.

80:20

- structure the code
- relate to real would entities.

× -> student.

y - ments.

Transparent

Maintenable - easy to test & fix things.

Extensible - add new featives quickly.

pensable -> ability to neuse code.

3) Procedural Programming

Bake a Cake



Recipe

- Grather ingredients
- Follow she cipe step by step-

DOP

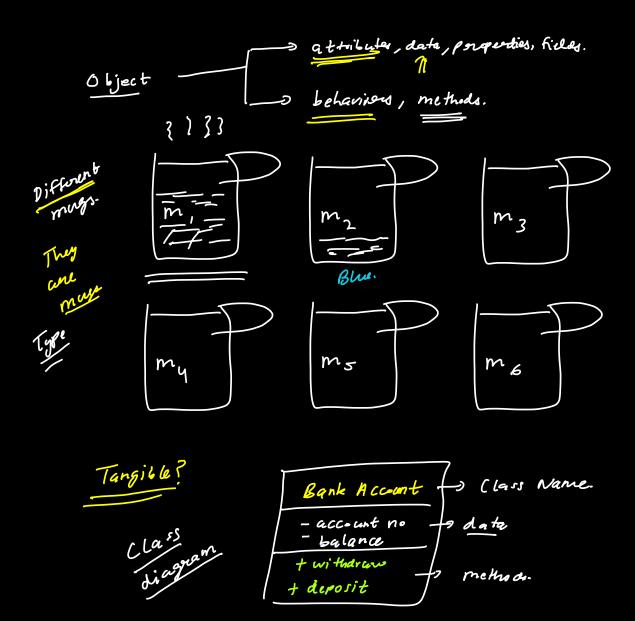
- Oven

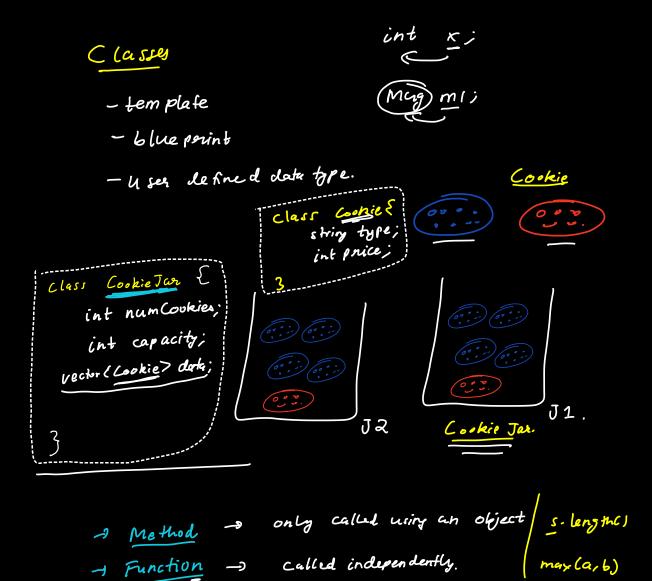
a Mixer

o pan.

Interaction.

Ingredient.





-> Objects are oceated wing the classes.

int num(ovkies;
int capacity;
vector(Cookie) dork;

void add(cookie) (Cookie ck);

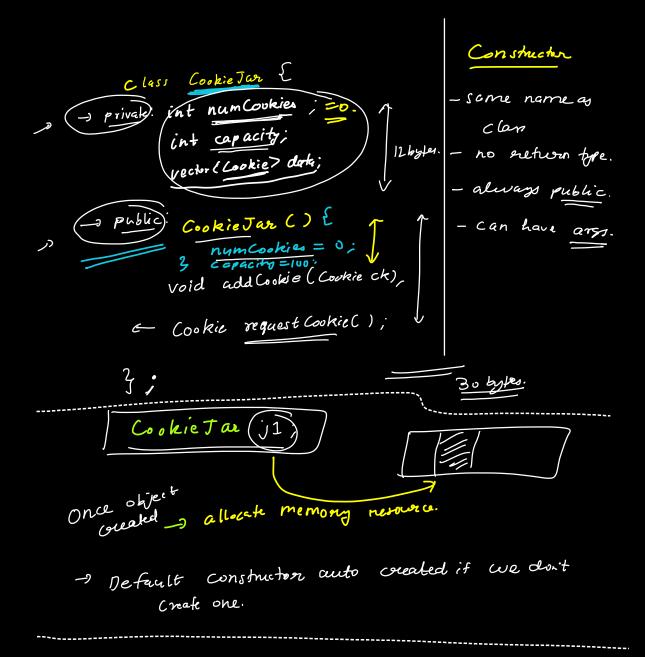
random = Cookie request Cookie();

3;

Cookie Tax.

Support some default value while consulty.

Constructor



Cookie Jaz (int count) {

num Cookies = count;

capacity = 100;

3

CookieJar j2; CookieJar ja (100); when object is oreated.

How you

Creak

Will deformine

Which

Con shich is called.

