1) Class mêter a lot et attributes.
Class Student (
- Name Student St = new Student()
- lep st. setbatch(-)
- min Name St. settsp (-)
-gradreas
- Phone No
≟
2) We want to Validate the Student object
before its creation.
Validations
7 grad lear L= 2023
> Phone no. Should be valid.
No student object should be created if any ef the validation fails.

BUILDER.

Class Student ( - Name - age - botten - Rep - mis Name - gradreas - Phone No Student (String name, int age, String batch, double psp, String univ Name, ...) { this name = name His. age = age

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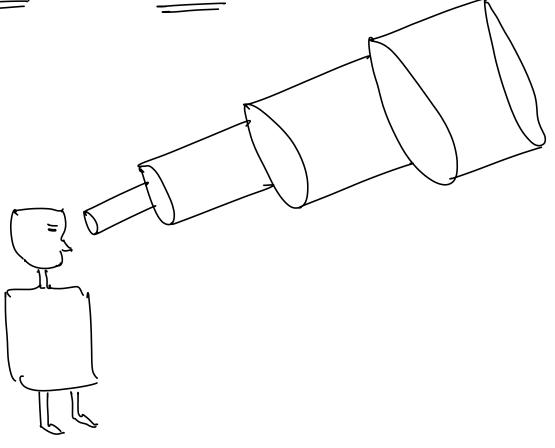
PSUM Loc Student &t = new Student ("Ray", 20, "Eve", 90.0, ----); refficult to understand. Class Student ( - Name - fep - mis Name - gradreas - Phone No Student (String name) ( this name = name; Student (String name, int age) this name = name; this age = age;

>> N attrs: = 2

Student (String miv, int age) <

Some of the constructors might not be fasible as well because of same signature.

# Telescopic Constructors.



Student (name) (

this name = name;

Student (name, age) (

this (name)

this age = age;

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Student (name, age, batch) this (name, age) # Usecare Student (< Pata Structure > ) Some PS that can allow by fass multiple attributes of datatypes.

Map (String, Object)

Class Student ( map. put ("nama", -); - Name map put ("age", "Scaler"); - age - bolten - mis Name - gradreas - Phone No Student (Map (String, Object > map) ( this name = (String) map get ("name"); this age = (Intigu map get ("age"); Runtime Exception. Issues 1) Typo. in heye. 2) Type nisnatch Issue. => What we weed! Something like map, that allows to store different Values earth mith a different name. Also it should Provide a compile time couer the values & keys. de nama X ds.age = "-";

Clase Helper 1

- Name

- age
- botten

- pep
- min Name

- grad Year

- phone No

Student 1

- Name
- age
- bolten
- Rep
- mis Name
- grad Years
- Phone No

Student (Helper helper) (

Malidations

this name = helper name this age = helper age

3

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PSUM () {

thelper thelper = new thelper();

helper. setName (-);

helper. setAge (-); => Compile Time Check

helper. set batch (-);

{

helper. name = 
Student St = new Student (thelper);

}