1) Class mith a lot of attributes.
Class Student ( - Name  - Name  - age  - age  - botten  - lep  - lep  - min Name  - grad Years  Student St = new Student()  St. Set Name (-)  St. Set Hage (-)  St. Set Batch (-)  St. Set Isp (-)
- Phone No  - Phone No  2) We want to Validate the Student object before îts creation. Validations
→ grad Year <= 2023  → Phone no. 8hould be valid.  →  No Student object should be created if any ef the validation fails.

BUILDER. 25 where d'is most use gui :-

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

ક <u>—</u> PSUM Loc Student &t = new Student ("Ray", 20, "Eve", 90.0, ----); - Prove to Errors. - Mifficult to understand. Class Student ( 2008 me have to set find get stillede it returned us street or combustor - fep - mis Name - grad Years - 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 Coustouctors. > The just help to radue the defelicate lines but over grablems Still sneit Student (name) this vame = vame; Student (name, age) ( tuis (name) this age = age :

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 -bdtch Sudile settig tie Team con occur; - fep - 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 misnatch 9ssue. => What we weed. Something like map, that allows to store different values earth mith a different name. Also it should Provide a compile time cuer lu values e keys. ds. nama X ds.age = "\_";

Class Helper 1 - Name

- Rep

- mis Name

- gradreas

- Phone No

<u>₹</u>

Student L

- Name

- Rep

- mis Name

- gradreas

- Phone No

Student (Helper helper) (

Walidations

this name = helper name

this age = helper age

PSUM () ( ) the sund the hope ();

thelper thelper = new thelper();

helper set Datel ( — );

helper set Datel ( — );

helper name = —

Student St = new Student (thelper);

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