OOP-II

Encapsulation - constandors - types of constands - access modifiers

Inheritance

- types of inheritance

- niona prosini

- JAUA

Small Talk

Encapsulation

Da single unit -> class/object

(2) Info hiding

A a = new ACD

con st nu don

cton

Bank Account &

J

Syntaol

function

access
Class Name (_____)

class Student of
String nanc;
Thegen age;

String botch None;

Type -> Default construction

Compiler -> a Bero- ar gument con structor

Poblic Student Co Sol

Student a = ne v Student (); Tanname = "EK" a. email = ekadronain a orome = Trump; (1) un sec une name -> .trim

no entry point for custom

Ce Her & setter me thous

· get Name ()

. Set Nome () - trim ()

Student ->> psp - 0 -100

- 110

- Hon I en try point

Deil object creation

Con 27 no ctor &

AC) Public Reflection Settens

in sec une Dyp/1C 50 Hers Scome

-> validation & constisation p

-> validation & constisation

-> allow to fill object we often



Panametrised Le cton + anguments

class Student &

int age

class mane

Student (age 5 nome)

Student (age 5 nome)

Lhis name = name.trimi)

Lh now ex cop tions

Ct on

DE compile 1 Creates on Instance

(2) (ass 19m repres to tieps)

(3) Tompiler red uns the instance

Student SI = new Student ("EK", 1); Student SZ = new Student (61); SI. name = "Do" (SI. age = 20) SZ. name = "EK"

\ o o \ 1001 heap SZ.name String mame Lameral)

access modifien

Specifien

modifies the accombility of a class methor C & ov m od ifi e-> ->> Final 51. 11 c syn worigh >> privete ~> prodeeter [_ C = _]/

Joseph T. B.

public -	C1033	Pacbage	Sup class.	1.dol-A
Private		*	B	X
de foult Cpachage Protected)	X	<i>Y</i>		X
protected				

(01.1.7)

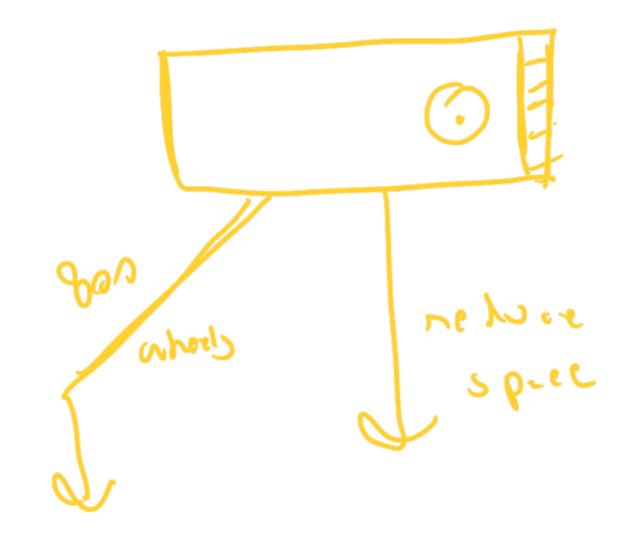
S.age

Inheritance

A1 + 0

Ritz

N 2-1,7-800

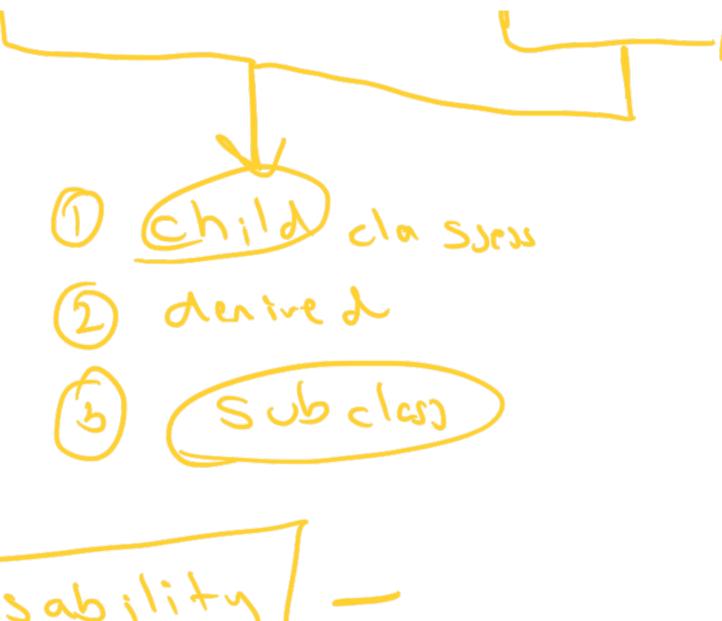


The structor address phone

Menton

Menton

Usen parent Supen n ame em ail base Student Nongo 626 P.76~ Instructor
ipad
ipad
iob



recsability-

· extends

name email Stu dont

class Student extends User &

3

Studen s

N 1 1 1

s. change Email () Database Animal W 21+116-6/ som A Husky Mariabb

Hierarchial

Single

- Wada Cone

900 Flusby Woltible Mamal Herbonere Java doesnot support multiple in reiter ce

Diamond problem