class à object & Melhod Method: " worth it worting! particular laix ille in Advantages 1000) : il il onniso (1 - code Remability 211011 -) Code of timization Acces modifier Return lijke Name phody force (Reformer e:- Simply declining to reference Variable 1 chosens deriali an object 86ject (4) of visuan instance of voidlewoting (" 4) Object is Real world entity with 1) decupées Menony. 1) identity (Chane) coton) 40% 11) State/Attribute (color, breed, age) 111) Beh avion (i thom ethods light, Run) E. Animal min clay Dog) hat cat will object object creali an " new Instance () Method high profile populare () method. derenialization () method factory cometted . . (v)

of) we can ereale object in by - Declaration 1 Initialization (h particular layer 1) Declaration (Declaring var Nariable naue pwithman object lype) erg. Animal poge; Responsible with variable of (spron of trol is the class Object (Reference Note: - Simply declaring la reference Variable doesnot creati an object. Joseph Cel 11) Instantiation, (Using newskeyword) Animal Dog= new Animal(); clay (motifice mement constanctor (+ () Now through willing operators we (sur la coekerts hall's mettrels doe (11) class Animal awir. 3 5.0. P ("T' and eating"). pushic static void main (String engsu) PaltoM (1 33, 0 /2 1 (1) Animal dog = new Animal, () meeting

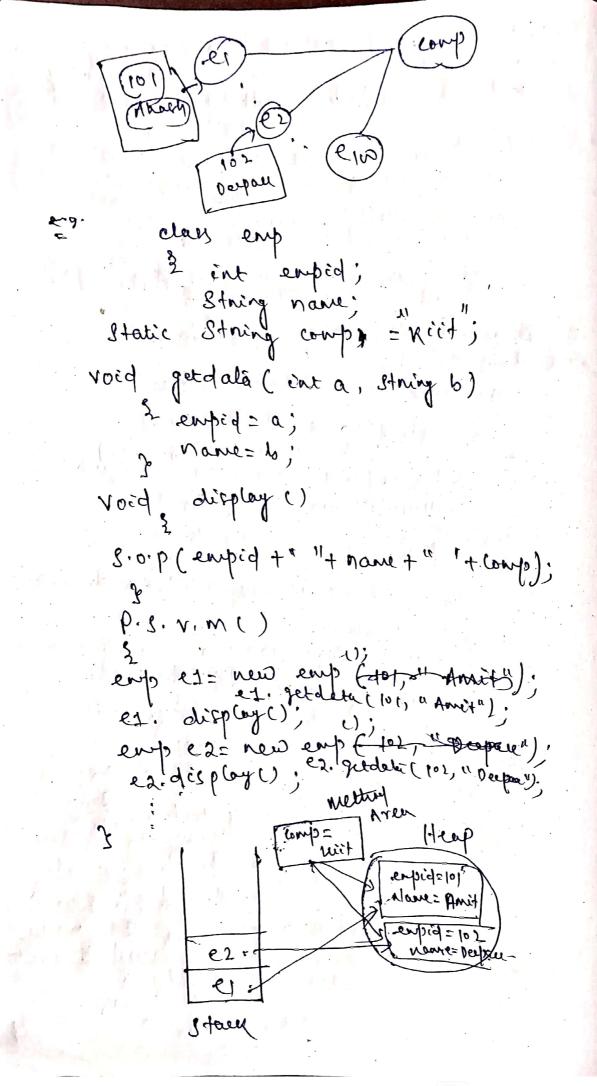
Initialize of an object c.e. How to put value to the object. 1). By Reference Vaniable Method uring Ref. Variable. class Animal 3 string color; p.s.v.m (String angs cs) Animal dog = new Animal(); dog. Color = "black"; dog. age= 10; 8.0.p (dog. coler +" "+ dog.age). wing nettroe dog. display (Thuy) 3 String color; void display (String e, inta) / 3.0.p (dog. alor P. s. v. m (String angs LJ) Animal dog= new Animal ();

3tatic variable.

Non Acces Modifica Access Modifiers -> Steelic -> pustic -) final -) Privale abstract -> Protected → Synchronited → volatile -) default #) & Static is a Non Acenes Modifier. *) We can use static keyword with .) - Variable (class level Variable) X local Variables 11) - Method (11) - block (v) - inner class (x outer class) or nested class. Vaniable Stedic Variable belongs to class Not object) class test 2. static int 0210; noed m11) 2 static ent 5:20; X llerror du lo-local Vaniaghi p. g. vm (Styling congscs) 8.0.p (a); g. o. p (test. a); test e1 = new tester; X /enn.

Black test pour en aldrens vilosis son servision son Statisticarent langlosis paro son son son gras, sists 24. p.g.v.m() : ques print? 2 parts. of sprintly out frintly (a); 1X0V test ob: new testil; test class). s.o.pcob.a) in Xogrido pour : (4 conp. +" "+ orano +" "+ podios) 7.0.2 &

4) Static Variable 13 used management ive efficient use of memory class emp 2 int empid; and and String name; String comp; (1) M.V.J.g & void gerdala (int a, String b, String c) 3 jempéd = (90; 120) 9,0,2 (119) compilier, men : de 420) void display () (0,00) 100.8 & 8.0.p (empid+" "+ name+" "+ comp); p.s. v.m (2 emp e1 = new emp (101, Akarh, Kiit); e1. display(); emp e2= new emp (102, Defock, with); 2 ez. displaye); emp e 100 = new .. 4) Each employee has company name = Kit. 30 9/ no we one creating completed as static than no need to conti give its value Repentedby



ic Vaniable gets Memory once in the class area en the time of countert personale City 1100 demand ton clay counter 2 int count- po"; tour , marinal , static int went getdali () pollunilate lasto 1provide procedite); (1980s prov. } p: (3: v.m.() 2 counter et = new counter(); of et. getdalu(); - 1 conater je dizunen consterc); pulimidio 13. Conester es = new conster(); ez. getdata(); -> 1 object 054 Stock J'do 12 dispos jook demondispos -1 (C) crocks . spec

2)40 pellitation Nettral 8110 inov sitof8 Static Method belongs la classon object. clas name not through objects. lein in just? claumer mettre pare e-g. elass static nettre 8.0.p ("1"); courter et = rous courter). Static method & 1 = new staticmethod of low get data(); -> 1 t) Hene we are saving meneny.

We are not creating object so
meneny & saved: Stoke void disp() 1 g.o.p("1"); P.s. v. m (disp(); OR demo. disp(); elan ryt 2. static voidskours) 2. static voidskours)

Static date. 91 cannot acces houstatic data (instance data) claes ofemo int (=10; ----) Static int (210 Static void disp()

§ s.o.p("i); & P.S. V.M () A) #) etatic method can call only other stertic methods & carnot call a non. static method day demoi Estatic void dispro 5 g. o. p ("1"); Show(); x static void thwy

2 . n. 10 (2"); 8. 0. p(2")