

1. class is the collection of object 2. class is not a real world entity. It is just a template or bluepant or prototype. 3. class does not occupy memory. => syntax: access modifier class Norme - methods. - coordinators
- fields
- shocks - nested class -Method 3 1. A set of codes which perform a particular tack. Advantages of methods: 1) code remeability 2) code applimization. syntax 3 access-modifies sebentype methodolume (list of parameters) object: 1. object is an instance of days 2. Object Es real world and by s. Objet occupies merray. object constat of) identify rame

2) State | Athibute.

How to weak an object: - done () method. - new keyword · descuralization · new instance() method - factory methods 00 P'4 Animal bugo; 1) Declaration: By bugo & now Animal (); 2) Instantiation: 3) intifalization Animal bugo = new Arsmal (); · dot operation is used to coll method -> buso . oun (); olass Animal public void eat() System.out. puintin (" I am eating "); Ken public states void main (Spring) augs) (ly system puint in ("1");) Animal bugo = rew Amerial(); "Note: If a bask can be done by single object them new object should not be nested as it will occupy expla memory. 1. by veference variable strung color; public state void main (String [] angs) Sop (bygo. wlast " Anumal bugo 2 how Anumal (); buzo oge si buyo - color 2 "black"; bugo age = 10;

```
2) By using method.
Class Arumal
 String color;
   vold "mility (stury c, inta)
         void display ()
            Bop ( what " "+ age);
          () mvog
             brurral bugo = new Arvina ())
               bugo-riet oby ("black",10);
               bugo.alsplay();
```