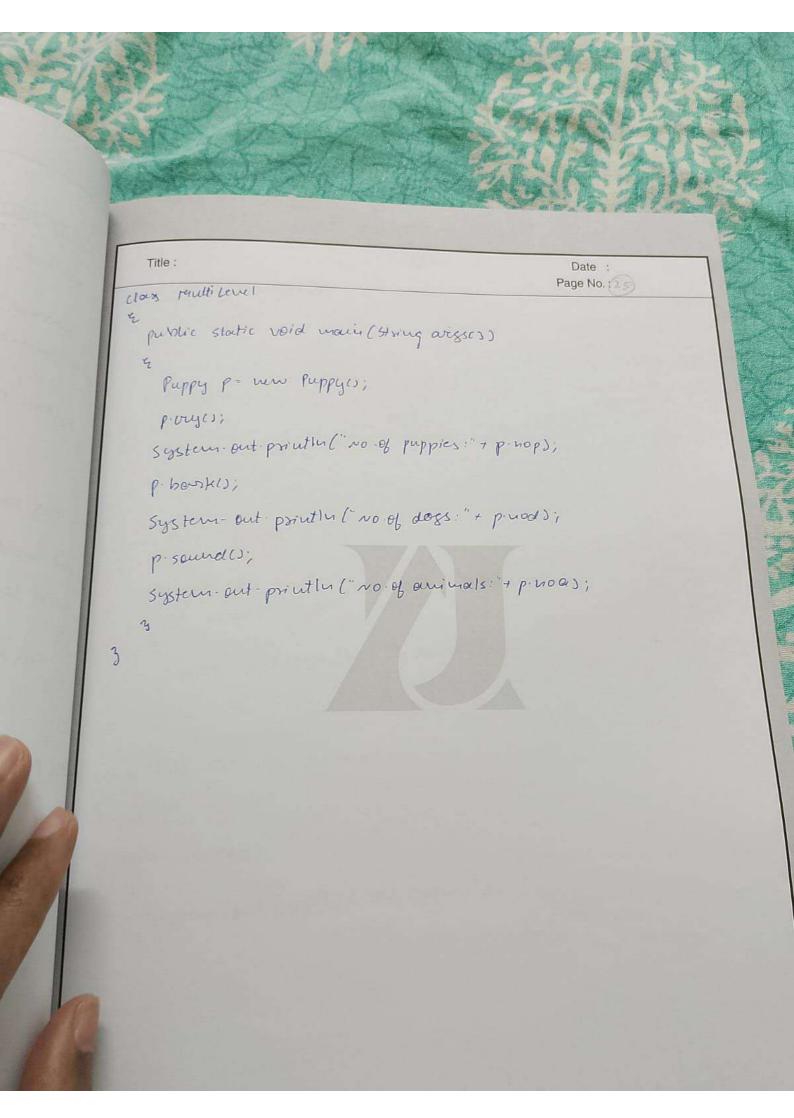
```
Title: WEEK-5
                                                    Date :
   Owrite a java program & dunoustrate que un of interitance
                                                  Page No.:
   (a) single Juheritance
   class Animal
    jut anea = 10;
    void sound()
      System. But pointly ('Animal Sounds');
  3
 clars pop extends Animal
   jut mod = 5;
   void bork()
    System out printly ("nog Barks");
 3
public class Single In
 public static void main (String args[3)
    Dos d = new Dos();
   system out printly (" No. of doss: " Duod);
    d-bouk();
  System out-println ("No. of our mals: "+ ol. noa);
   disound ();
```

```
Title:
                                                   Date :
  (b) Multilery Inheritance
                                                 Page No.: (21)
  class Animal
    jut noa=10;
    void sounds
      system out - printly ("Animal sounds");
  3
 class Dog entends Acimal
    jut nod=6;
    void bounks
      System out printly (" pog Borks");
     2
class Puppy entends pog
5
   jut 40p = 2;
   void dryes
      System out printly (" Puppy bries");
   2
    3
3
```



```
Title:
                                                 Date :
   Hierarchias Inheritance
                                                Page No.: (26)
   class Animal
     jut 400 = 10;
     void sound()
       System out printly ("Animal sounds");
   3
  class pog extends Animal
    jut wood = b ;
     void bank()
      System out printly ("Dog Banks");
 y
class cat entends Arrival
 jud 400 = 5;
  void mow()
    system. out printly (" (at Meous");
```

```
Title:
                                                   Date :
                                                 Page No.: (23)
public class Hicrarchial
  public static void moun (string args (3)
    pag at = new pages;
    d. hankl);
    system out pointly ("no of doss: "+ d wod);
    d. sound ();
   System out privilly ("No of animals:"+ d. 40a);
   cert 6 = new cert();
   C- 50mmd ();
   System out printly (" no of animals:" + c- noa );
   c. meon();
   System out printly (" No. of cots: " + c. NOL);
```

```
Page No.:
  @ write a java program to illustrate the ux of super and fruch
  ucywords
  (a) super keyword
  dass Avivall
   5+ x mg manu = " DO5";
   Animal ();
     System. out printly ("Aujural Sources vis Animal()");
   void soundly
     System out point is ("Animal sounds in sound()");
class bos entends Animal
  string name = " Roser";
 poses;
   super ();
   System out printly (" pog Berks in poglo");
  void barkes.
  E system out printh (" bogg Banks is Bankl)");
```

