reogram 8; tree. Cuali a base class called 1 "Flother" & derived class "Son" which extends the base class In Father class, implement a constructor which takes the age & throng the exception wrong Age when the input age < 0. In Son class, implement a constructor that cases both father and son's age and theory an exceptiony son; age > = father's age. suport java.util. *; Class wrongage extends Exception & int fis: Wrong Age (int fage, intsage) 3 f= fage; S= Sage; public Steing to Steing () { return" Please enter the collect ages as father's age can't be less than or equal to the son's age."; class NegativeAge extends Exception ? int 2. NegativeAge (int fage) 2 n: fage; public String to String() 2 return 'Age can't be a regative value."; class father int fage; Scanner in: new Scanner (System.in);

```
atue () throng NegativeAge
Intermont printle C'Enter the father's age ");
   (fage < 0) ?
 thow new NegativeAge (fage);
  ass son extends father
  Scanner in = new Scanner (System. in);
Scanner (System. in);
Son() throws NegativeAge, Wrong Age &
 int sage
    Systemout. println ('Enter the son's age?");
sige: in. next Int ();
       theonor Negative Age (sage);
        if(sage > = fage) ?
       theor new Wrongtge (fage, sage);
      class Age Display 2 public static void man (string args []) ?
        Sons= new Son ();
       iatch (Negative Age n) 2
Eystem. out. puntln ("Exception: "+n);
        iatch (WeongAge W) ?
Syxtem. out. peintln ("Exception:"+w);
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hogeann 7:
WAP to demonstrate generics with multiple object parameter.
Program 7:
 import java. util. *;
 class generics < T> 8
   T vai1;
  Generics (T gran) &
                                         which they have the
     Vail: gran;
  T gdisplay () ?
   return vail;
                           I had it pA tribiple a rain
 public class App 2
 puelic Static void main (String [] args) throws Exceptions
 System.out. println(" PLEASE ENTER CTUDENT DETAILS".
Schuner Minp: arew Scanner (System.in);
Geneice Integer> Rollmo: new Gonnies < Integer> 17;
Géneral Steing> Name: new Generica < Steing> (4);
System. Out. plintly ("NAME:");
 Streng Sname: Minp. nextLine ();
Norma. Genisies (Sname);
System. out. println ("USN:");
ival Sholl= Minp. mextInt ();
 Kollno. Genincs (Snoll);
 System. out. println ("DISPLAYIN STUDENT DETAILS ) n'?)
System.out. println ("NAME: "Hame. Gdisplay ());

System.out. println ("USN: "+Rollno. Gdisplay ());
 Minp. close ();
                               govern state public Court
```

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