```
import java.util.*;
class Father
{
  Father (int age)
  {
    try
      {
        if (age<0)
          throw new ArithmeticException ("Invalid age");
        System.out.println (" Father's age" + age);
      }
catch (Arithmetic Exception e)
  System.out.println (" Error" +e);

class Son extends Father
 {
   Son (int agef, int ages)
    {
     super (agef);
     try {
          if (agef<ages)
            throw new ArithmeticException ("Invalid input");
          else
        System.out.println (" Son's age" + ages);
    }
  catch (ArithMetic Exception o)
    {
      System.out.println (" Exception:" +o);
    }
}
```

```
class trial
{
  public static void main (String [] args)
  {
    Scanner sc = new Scanner(System.in);
    System.out.println ("Enter father's age");
    int i = sc.nextInt();
    Father obj = new father(i);
    System.out.println ("Enter son's age");
    int j = sc.nextInt();
    Son objs = Son(i,j);
  }
```