

```
1  import java.util.Scanner;
2  class WrongAge extends Exception
3  {
4
5  public String toString()
6  {
7  return "WrongAge Exception";
8  }
9  }
10 class Father
11 {
12 int age1;
13 Father(int a) throws WrongAge
14 {
15 Scanner ss=new Scanner(System.in);
16 System.out.println("Enter the Age of the Father : \n");
17 age1=ss.nextInt();
18 if(age1<=a||age1<=0||a<=0)
19 {
20 throw new WrongAge();
21 }
22 }
23 }
24 class Son extends Father
25 {
26 int age;
27 Son(int a) throws WrongAge
28 {
29 super(a);
30 age=a;
31 }
32 }
33 class Exception_age
34 {
35 public static void main(String args[])
36 {
37 System.out.println("Enter the Age of the Son : \n");
38 try
```

```

11  {
12      int age1;
13      Father(int a) throws WrongAge
14  {
15      Scanner ss=new Scanner(System.in);
16      System.out.println("Enter the Age of the Father : \n");
17      age1=ss.nextInt();
18      if(age1<=a||age1<=0||a<=0)
19      {
20          throw new WrongAge();
21      }
22  }
23  }
24      class Son extends Father
25  {
26      int age;
27      Son(int a) throws WrongAge
28  {
29      super(a);
30      age=a;
31  }
32  }
33      class Exception_age
34  {
35      public static void main(String args[])
36      {
37          System.out.println("Enter the Age of the Son : \n");
38          try
39          {
40              Son s=new Son(new Scanner(System.in).nextInt());
41          }
42          catch(WrongAge A)
43          {
44              System.out.println(A);
45          }
46      }
47  }
48  }
    
```

Enter the Age of the Son :

200

Enter the Age of the Father :

20

WrongAge Exception

-----

(program exited with code: 0)

Press any key to continue . . .

Enter the Age of the Son :

20

Enter the Age of the Father :

200

-----

(program exited with code: 0)

Press any key to continue . . .

Enter the Age of the Son :

200

Enter the Age of the Father :

200

WrongAge Exception

-----

(program exited with code: 0)

Press any key to continue . . .