```java
age1.java                    ×

1   import java.util.*;
2   class WrongAge extends Exception
3   {
4       private int a1,b1;
5       WrongAge(int a,int b)
6       {
7           a1=a;
8           b1=b;
9       }
10      public String toString()
11      {
12          if(a1<0||b1<0)
13          return "input age cannot be less than 0";
14          else if(a1<=b1)
15              return "father age cannot be less than or equal to son age ";
16          return "";
17      }
18  }
19
20  class Father
21  {
22      int fage,sage;
23      Scanner sc=new Scanner(System.in);
24      Father() throws WrongAge
25      {
26          System.out.println("enter the age of father");
27          fage=sc.nextInt();
28          System.out.println("enter the age of son");
29          sage=sc.nextInt();
30          if(fage<0||sage<0)
31              throw new WrongAge(fage,sage);
32
33
34
35      }
36  }
37
38  class Son extends Father
39  {
40
41      Son() throws WrongAge
42      {
43
44          if(sage>=fage)
45              throw new WrongAge(fage,sage);
46          else
47          System.out.println("proper ages have been entered");
48      }
49  }
50
```

```java
51      class Main2
52      {
53          public static void main(String args[])
54          {
55
56              try
57              {
58                  Son s=new Son();
59              }catch(WrongAge e){
60                  System.out.println("error:"+e);
61
62              }
63          }
64      }
65
66
```
Line 1, Column 1

```
[Arvinds-MacBook-Pro:ooj Arvind$ java Main2
enter the age of father
20
enter the age of son
40
error:father age cannot be less than or equal to son age
[Arvinds-MacBook-Pro:ooj Arvind$ java Main2
enter the age of father
-3
enter the age of son
-2
error:input age cannot be less than 0
Arvinds-MacBook-Pro:ooj Arvind$
```