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9  import java.util.*;
10 class WrongAge extends Exception{
11     int f,s;
12     WrongAge(int fage,int sage){
13         f=fage;
14         s=sage;
15     }
16     public String toString(){
17         return "Please enter the correct ages as father's age can't be less than or equal to the son's age";
18     }}
19 class NegativeAge extends Exception{
20     int a;
21     NegativeAge(int fage){
22         a=fage;
23     }
24     public String toString(){
25         return "Age can't be a negative value.";
26     }}
27 class Father{
28     int fage;
29     Scanner in=new Scanner(System.in);
30     Father() throws NegativeAge
31     {
32         System.out.print("Enter the father's age:");
33         fage=in.nextInt();
34         if(fage<0){
35             throw new NegativeAge(fage);

```

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34 - if(fage<0){
35     throw new NegativeAge(fage);
36 }}}}
37 class Son extends Father
38 {
39     int sage;
40     Scanner in=new Scanner(System.in);
41     Son() throws NegativeAge,WrongAge{
42         super();
43         System.out.print("Enter the son's age :");
44         sage=in.nextInt();
45         if(sage<0)
46         {
47             throw new NegativeAge(sage);
48         }
49         if(sage>=fage){
50             throw new WrongAge(fage,sage);
51         }
52     }}
53 class Main{
54     public static void main(String args[]){
55         try{
56             Son s=new Son();
57         }
58         catch(NegativeAge n){
59             System.out.println("Exception:"+n);
60         }

```

```
38 - {
39   int sage;
40   Scanner in=new Scanner(System.in);
41   Son() throws NegativeAge,WrongAge{
42     super();
43     System.out.print("Enter the son's age :");
44     sage=in.nextInt();
45     if(sage<0)
46     {
47       throw new NegativeAge(sage);
48     }
49     if(sage>=fage){
50       throw new WrongAge(fage,sage);
51     }
52   }}
53 - class Main{
54   public static void main(String args[]){
55     try{
56       Son s=new Son();
57     }
58     catch(NegativeAge n){
59       System.out.println("Exception:"+n);
60     }
61     catch(WrongAge w){
62       System.out.println("Exception:"+w);
63     }
64   }}
```

Enter the father's age:23

Enter the son's age :32

Exception:Please enter the correct ages as father's age can't be less than or equal to the son's age.

...Program finished with exit code 0

Press ENTER to exit console.

Enter the father's age:44

Enter the son's age :23

...Program finished with exit code 0

Press ENTER to exit console.

input

Enter the father's age:33

Enter the son's age :-1

Exception:Age can't be a negative value.

...Program finished with exit code 0

Press ENTER to exit console.[]