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C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS\father.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

book.java master.java mastemew.java internals.java Externals.java Student.java Totalmarks.java father.java generics.java program_9th.java Button.java DivideAWT.java quadratic.java

1 import java.util.*;
2
3 class fatherAgeException extends Exception {
4     public String toString(){
5         return ("Father's age is less than 0");
6     }
7 }
8
9 class sonAgeException extends Exception{
10     int a;
11     sonAgeException(int age){
12         a=age;
13     }
14     public String toString(){
15         if(a<0)
16             return ("Son's age is less than 0");
17         else
18             return ("Son's age is more than or equal to father's age");
19     }
20 }
21
22 class father{
23     public int age1;
24     Scanner s=new Scanner(System.in);
25     father(){
26         System.out.print("Enter father's age: ");
27         age1=s.nextInt();
28     }
29     void ex1() throws fatherAgeException{
30         if(age1<0)
31             throw new fatherAgeException();
32     }
33 }
```

java source file length: 1,216 lines: 64 Ln: 6 Col: 6 Sel: 0|0 Windows (CR LF) UTF-8 INS 23:10 28-12-2020

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```
33 }
34
35 class son extends father{
36     public int age2;
37     son() {
38         System.out.print("Enter son's age: ");
39         age2=s.nextInt();
40     }
41     void ex2() throws sonAgeException{
42         if(age2<0 || age2>=super.age1)
43             throw new sonAgeException(age2);
44         System.out.println("No logical error in the entered data");
45     }
46 }
47
48 class InhMain{
49     public static void main(String args[]){
50         son s=new son();
51         try{
52             s.ex1();
53         }
54         catch(fatherAgeException e){
55             System.out.println(e);
56         }
57         try{
58             s.ex2();
59         }
60         catch(sonAgeException e){
61             System.out.println(e);
62         }
63     }
64 }
```

length: 1,216 lines: 64 Ln: 6 Col: 6 Sel: 0|0 Windows (CR LF) UTF-8 INS

Search the web and Windows

23:11 28-12-2020


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Command Prompt
Microsoft Windows [Version 10.0.10586]
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C:\Users\AKSHAT SURANA>cd C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>set path="C:\Program Files\Java\jdk1.8.0_261\bin

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>javac father.java

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>java InhMain
Enter father's age: 40
Enter son's age: 24
No logical error in the entered data

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>java InhMain
Enter father's age: 35
Enter son's age: 55
Son's age is more than or equal to father's age

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>
```