

C:\Users\hriti\Documents\ExceptionDemo.java - Notepad++

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oojweek8.java oojlabexam.java forgotpassword.html forgotpassword.css signup.html signup.css Student.java Internals.java Externals.java FinalMarks.java trystat.java Multipleobjpara.java ExceptionDemo.java

```
24 String Sname;
25
26 Son(String name,int age,int fatherage, String fathernam) throws MyException
27 {
28     System.out.println("Son Name: " +name);
29     System.out.println("Son age: " +age);
30     System.out.println("Father age " + fatherage);
31     System.out.println("Father's name :"+fathernam);
32     if(age>=fatherage)
33         throw new MyException(fatherage);
34     System.out.println("Constructor exit");
35 }
36
37 class ExceptionDemo
38 {
39     public static void main(String args[])
40     {
41         String a;
42         int b;
43         int c;
44         String d;
45
46         Scanner sc=new Scanner(System.in);
47         System.out.println("Enter the name of the son");
48         a=sc.next();
49         System.out.println("Enter the age of the son");
50         b=sc.nextInt();
51         System.out.println("Enter the Age of the father");
52         c=sc.nextInt();
53         System.out.println("Enter the name of the Father");
54         d=sc.next();
55
56         { try
57         {
58             Son s=new Son(a,b,c,d);
59         }
60         catch (MyException e)
61         {
62             System.out.println("Caught " + e);
63         }
64     }
65 }
66
67 }
```

Command Prompt

```
Enter the name of the son
Hritik
Enter the age of the son
30
Enter the Age of the father
30
Enter the name of the Father
T
Son Name: Hritik
Son age: 30
Father age 30
Father's name :T
Caught ageException[30]

C:\Users\hriti\Documents>java ExceptionDemo
Enter the name of the son
Hritik
Enter the age of the son
30
Enter the Age of the father
60
Enter the name of the Father
T
Son Name: Hritik
Son age: 30
Father age 60
Father's name :T
Constructor exit

C:\Users\hriti\Documents>
```

Java source file length: 1,318 lines: 67 Ln:58 Col:27 Sel:0|0 Windows (CR LF) UTF-8 INS

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oojweek8.java oojlabexam.java forgotpassword.html forgotpassword.css signup.html signup.css Student.java Internals.java Externals.java FinalMarks.java trystat.java Multipleobjpara.java ExceptionDemo.java

```
1 import java.util.Scanner;
2 class MyException extends Exception
3 {
4     private int detail;
5     MyException(int a)
6     {
7         detail = a;
8     }
9     public String toString()
10    {
11        return "ageException[" + detail + "]";
12    }
13 }
14
15 class Father
16 {
17     int faterage;
18     String fathernam;
19 }
20
21 class Son extends Father
22 {
23     int Sage;
24     String Sname;
25
26     Son(String name,int age,int faterage, String fathernam) throws MyException
27     {
28         System.out.println("Son Name: " +name);
29         System.out.println("Son age: " +age);
30         System.out.println("Father age " + faterage);
31         System.out.println("Father's name :"+fathernam);
32         if(age>=faterage)
33             throw new MyException(faterage);
34         System.out.println("Constructor exit");
35     }
36 }
37 class ExceptionDemo
38 {
39     public static void main(String args[])
40     {
41         String a;
42         int b;
43         int c;
44         String d;
```

Command Prompt

Microsoft Windows [Version 10.0.18363.1198]
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C:\Users\hriti>cd..

C:\Users>cd..

C:\>cd C:\Users\hriti\Documents

C:\Users\hriti\Documents>javac ExceptionDemo.java

C:\Users\hriti\Documents>java ExceptionDemo

Enter the name of the son
Hritik
Enter the age of the son
30
Enter the Age of the father
30
Enter the name of the Father
T
Son Name: Hritik
Son age: 30
Father age 30
Father's name :T
Caught ageException[30]

C:\Users\hriti\Documents>

Java source file length: 1,318 lines: 67 Ln: 58 Col: 27 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

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