

● Student.java ● Internals.java ● Externals.java ● finalmarks.java

● exp.java > expmain > main(String[])

```
1  import java.util.Scanner;
2  class WrongAge extends Exception{
3      int age;
4      WrongAge(int x)
5      {
6          age=x;
7      }
8      public String toString()
9      {
10         return "AGE OF SON="+age+" IS ENTERED INCORRECTLY";
11     }
12 }
13 class father
14 {
15     int a;
16     father(int x)
17     {
18         a=x;
19     }
20 }
21 class son extends father{
22     int age;
23     son(int fage,int sage){
24         super(fage);
```

PROBLEMS 111 OUTPUT DEBUG CONSOLE TERMINAL

▼ ● exp.java 2

⚠ The serializable class WrongAge does not declare a static final serialVersionUID field of type long

⚠ Resource leak: 's' is never closed Java(536871799) [44, 17]

▼ ● exp1.java 3

⚠ The serializable class MyException does not declare a static final serialVersionUID field of type long

⚠ Resource leak: 's' is never closed Java(536871799) [30, 17]

⚠ The value of the local variable i is not used Java(536870973) [31, 13]

▼ ● finalmarks.java 3

⚠ The import CIE is never used Java(268435844) [1, 8]

⚠ The import SEE is never used Java(268435844) [2, 8]

exp.java > expmain > main(String[])

```
25     age=sage;
26 }
27
28 void compute() throws WrongAge{
29     if(age>=a)
30     {
31         throw new WrongAge(age);
32     }
33     else{
34         System.out.println("THE AGES ARE ENTERED CORECTLY");
35         System.out.println("FATHER'S AGE="+a+"\t"+"SON'S AGE="+age);
36     }
37 }
38
39 }
40 class expmain
41 {
42     Run | Debug
43     public static void main(String args[])
44     {
45         Scanner s=new Scanner(System.in);
46         System.out.println("ENTER FATHER'S AGE");
47         int f=s.nextInt();
48         System.out.println("ENTER SON'S AGE");
49         int so=s.nextInt();
50         son ss=new son(f,so);
51         try{
52             ss.compute();
53         }catch(WrongAge e)
54         {
55             System.out.println(e);
56         }
57     }
```


CA. Command Prompt

```
{
    th
}
else{
    Sy
    Sy
}
c:\JAVA\bin>java exp.java
Error: Could not find or load main class exp.j

c:\JAVA\bin>javac exp.java

c:\JAVA\bin>java expmain
ENTER FATHER'S AGE
45
ENTER SON'S AGE
45
AGE OF SON=45 IS ENTERED INCORRECTLY

c:\JAVA\bin>java expmain
ENTER FATHER'S AGE
56
ENTER SON'S AGE
34
THE AGES ARE ENTERED CORECTLY
int f=FATHER'S AGE=56 SON'S AGE=34

c:\JAVA\bin>
}catch
{
```