

```

1  import java.util.Scanner;
2
3  class AgeException extends Exception{
4      private String detail;
5      AgeException(String s){
6          detail = s;
7      }
8      public String toString(){
9          return "Age Exception: " + detail;
10     }
11 }
12 class Father{
13     int f_age;
14     Father(int age) throws AgeException{
15         if(age < 0){
16             f_age = 35;
17             throw new AgeException("Wrong Age");
18         }
19         f_age = age;
20     }
21 }
22 class Son extends Father{
23     int s_age;
24     Son(int a1,int a2) throws AgeException{
25         super(a1);
26         if(a1 <= a2){
27             f_age = 35;
28             s_age = 10;
29             throw new AgeException("Son's age greater than/equal to Father's age");
30         }
31         s_age = a2;
32     }
33 }
34 class ExceptionsDriver{
35     public static void main(String[] args){
36         try{
37             Father f = new Father(45);
38             Son s = new Son(2,33);
39         }
40         catch(AgeException ae){
41             System.out.println(ae);
42         }
43         finally{
44             System.out.println("All have been checked");

```

Output:

```

NPP_SAVE: C:\Users\Madhusudhan\OneDrive\Desktop\JavaProgs\LabTest2\ExceptionsDriver.java
CD: C:\Users\Madhusudhan\OneDrive\Desktop\JavaProgs\LabTest2
Current directory: C:\Users\Madhusudhan\OneDrive\Desktop\JavaProgs\LabTest2
"C:\java\bin\javac" ExceptionsDriver.java
Process started (PID=19560) >>>
<<< Process finished (PID=19560). (Exit code 0)
"C:\java\bin\java" -classpath "C:\Users\Madhusudhan\OneDrive\Desktop\JavaProgs\LabTest2" ExceptionsDriver
Process started (PID=23368) >>>
Age Exception: Son's age greater than/equal to Father's age
All have been checked
<<< Process finished (PID=23368). (Exit code 0)
===== READY =====

```