

```
1
2 class WrongAgeException extends Exception
3 {
4     WrongAgeException(String message)
5     {
6         super(message);
7     }
8 }
9
10 class Father
11 {
12     int age;
13     Father(int age) throws WrongAgeException
14     {
15         this.age=age;
16         if(age<=0)
17             throw new WrongAgeException("father age must not be zero");
18         System.out.println("father age is "+age);
19     }
20 }
21
22 class son extends Father
23 {
24     int a;
25     son(int a) throws WrongAgeException
26     {
27         super(40);
28         if(a>=super.age)
29             throw new WrongAgeException("son's age must not be greater than father");
30         System.out.println("son's age is "+ a);
31     }
32 }
33 class demo
34 {
35     public static void main(String args[])
36     {
37         try
38         {
39             son s= new son(50);
40         }
41         catch(WrongAgeException e)
42         {
43             System.out.println(e);
44         }
45     }
46 }
47
```



bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC: ~



```
bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ javac demo.java
```

```
bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$ java demo
```

```
father age is 40
```

```
WrongAgeException: son's age must not be greater than father
```

```
bmscecse@bmscecse-HP-Elite-Tower-800-G9-Desktop-PC:~$
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