

GenMain.java

exception_age.java X

exception_age.java > WrongAge > toString()

```
1  import java.util.*;
2  class WrongAge extends Exception
3  {
4      public String toString()
5      {
6          return ("Wrong Age Exception");
7      }
8  }
9  class Father
10 {
11     int fage;
12     Father(int f) throws WrongAge
13     {
14         Scanner sc=new Scanner(System.in);
15         System.out.println("Enter Father's age:");
16         fage=sc.nextInt();
17         if(fage<=f||fage<0||f<0)
18         {
19             throw new WrongAge();
20         }
21     }
22 }
23 class Son extends Father
24 {
25     int sage;
26     Son(int s) throws WrongAge
27     {
28         super(s);
29         sage=s;
30     }
31 }
32 class AgeMain
33 {
34     Run | Debug
35     public static void main(String Args[])
36     {
37         Scanner sc=new Scanner(System.in);
38         System.out.println("Enter Son's age:");
39         try
```

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```
14     Scanner sc=new Scanner(System.in);
15     System.out.println("Enter Father's age:");
16     fage=sc.nextInt();
17     if(fage<=f||fage<0||f<0)
18     {
19         throw new WrongAge();
20     }
21 }
22 }
23 class Son extends Father
24 {
25     int sage;
26     Son(int s) throws WrongAge
27     {
28         super(s);
29         sage=s;
30     }
31 }
32 class AgeMain
33 {
34     Run | Debug
35     public static void main(String Args[])
36     {
37         Scanner sc=new Scanner(System.in);
38         System.out.println("Enter Son's age:");
39         try
40         {
41             int i=sc.nextInt();
42             Son age=new Son(i);
43         }
44         catch(WrongAge e)
45         {
46             System.out.println(e);
47         }
48     }
49 }
```

```
C:\Users\akki\Desktop\java files>javac exception_age.java
```

```
C:\Users\akki\Desktop\java files>java AgeMain
```

```
Enter Son's age:
```

```
78
```

```
Enter Father's age:
```

```
20
```

```
Wrong Age Exception
```

```
C:\Users\akki\Desktop\java files>java AgeMain
```

```
Enter Son's age:
```

```
23
```

```
Enter Father's age:
```

```
-65
```

```
Wrong Age Exception
```

```
C:\Users\akki\Desktop\java files>
```