

Java中自定义异常 - StellaAh的专栏 - 博客频道 - CSDN

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1. /*下面做了归纳总结,欢迎批评指正*/
2. /*自定义异常*/
3. class ChushulingException extends Exception
4. {
5.     public ChushulingException(String msg)
6.     {
7.         super(msg);
8.     }
9. }
10. class ChushufuException extends Exception
11. {
12.     public ChushufuException(String msg)
13.     {
14.         super(msg);
15.     }
16. }
17. /*自定义异常 End*/
18. class Numbertest
19. {
20.     public int shang(int x,int y) throws ChushulingException,ChushufuException
21.     {
22.         if(y<0)
23.         {
24.             throw new ChushufuException("您输入的是"+y+",规定除数不能为负数!"); //抛出异常
25.         }
26.         if(y==0)
27.         {
28.             throw new ChushulingException("您输入的是"+y+",除数不能为0!");
29.         }
30.         int m=x/y;
31.         return m;
32.     }
33. }
34. class Rt001
35. {
36.     public static void main(String[] args)
37.     {
38.         Numbertest n=new Numbertest();
39.         //捕获异常
40.         try
41.         {
42.             System.out.println("商="+n.shang(1,-3));
43.         }
44.         catch(ChushulingException yc)
45.         {
46.             System.out.println(yc.getMessage());
47.             yc.printStackTrace();
48.         }
```

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49. catch(ChushufuException yx)
50.     {
51.         System.out.println(yx.getMessage());
52.         yx.printStackTrace();
53.     }
54. catch(Exception y)
55.     {
56.         System.out.println(y.getMessage());
57.         y.printStackTrace();
58.     }
59. finally{ System.out.println("finally!"); } ////finally不管发没发生异常都会被执行
60.     }
61. }
62. /*
63. [总结]
64. 1.自定义异常:
65. class 异常类名 extends Exception
66. {
67.     public 异常类名(String msg)
68.     {
69.         super(msg);
70.     }
71. }
72. 2.标识可能抛出的异常:
73. throws 异常类名1,异常类名2
74. 3.捕获异常:
75. try{}
76. catch(异常类名 y){}
77. catch(异常类名 y){}
78. 4.方法解释
79. getMessage() //输出异常的信息
80. printStackTrace() //输出导致异常更为详细的信息
81. */

```



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