

```
1 // (c) www.javapassion.com, Sang Shin ; mod.by DB (11/2008)
2 public class FinallyDemo
3 {
4     public static void main( final String pArgs[] )
5     {
6         for ( int vI= 1; vI <= 4; vI++ ) {
7             System.out.println( "main: avant try/catch" );
8             try {
9                 FinallyDemo.maMethod( vI );
10            }
11            catch ( Exception e ) {
12                System.out.println( "main: Exception message = " + e.getMessage() );
13                System.out.println( "main: toString = " + e.toString() );
14            } // try/catch
15            System.out.println( "main: apres try/catch\n" );
16        } // for
17    } // main()
18
19    private static void maMethod( final int pN ) throws Exception
20    {
21        System.out.println( " maMethod: avant try/catch/finally" );
22        try {
23            switch ( pN ) {
24                case 1 :
25                    System.out.println( " maMethod: case 1" );
26                    return; // no break
27                case 3 :
28                    System.out.println( " maMethod: case 3" );
29                    throw new RuntimeException( "3!" ); // no break
30                case 4 :
31                    System.out.println( " maMethod: case 4" );
32                    throw new Exception( "4!" ); // no break
33                case 2 :
34                    System.out.println( " maMethod: case 2" ); // no break
35            } // switch
36        }
37        catch ( RuntimeException e ) {
38            System.out.print( " maMethod: RuntimeException " );
39            System.out.println( e.getMessage() );
40        }
41        finally {
42            System.out.println( " maMethod: bloc finally" );
43        } // try/catch/finally
44        System.out.println( " maMethod: apres try/catch/finally" );
45    } // myMethod()
46 } // FinallyDemo
47
```