

JAVA EXAMPLES - EXCEPTION WITH OVERLOADED METHODS

http://www.tutorialspoint.com/javaexamples/exception_overloaded_method.htm

Copyright © tutorialspoint.com

Problem Description:

How to handle the exception with overloaded methods ?

Solution:

This example shows how to handle the exception with overloaded methods. You need to have a try catch block in each method or where they are used.

```
public class Main {
    double method(int i) throws Exception{
        return i/0;
    }
    boolean method(boolean b) {
        return !b;
    }
    static double method(int x, double y) throws Exception {
        return x + y ;
    }
    static double method(double x, double y) {
        return x + y - 3;
    }
    public static void main(String[] args) {
        Main mn = new Main();
        try{
            System.out.println(method(10, 20.0));
            System.out.println(method(10.0, 20));
            System.out.println(method(10.0, 20.0));
            System.out.println(mn.method(10));
        }
        catch (Exception ex){
            System.out.println("exception occoure: "+ ex);
        }
    }
}
```

Result:

The above code sample will produce the following result.

```
30.0
27.0
27.0
exception occoure: java.lang.ArithmeticException: / by zero
```