

JAVA EXAMPLES - USE OF FINALLY

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

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Problem Description:

How to use finally block for catching exceptions?

Solution:

This example shows how to use finally block to catch runtime exceptions *IllegalArgumentException* by the use of `e.getMessage()`.

```
public class ExceptionDemo2 {
    public static void main(String[] argv) {
        new ExceptionDemo2().doTheWork();
    }
    public void doTheWork() {
        Object o = null;
        for (int i=0; i<5; i++) {
            try {
                o = makeObj(i);
            }
            catch (IllegalArgumentException e) {
                System.err.println
                    ("Error: (" + e.getMessage()+").");
                return;
            }
            finally {
                System.err.println("All done");
                if (o==null)
                    System.exit(0);
            }
            System.out.println(o);
        }
    }
    public Object makeObj(int type)
    throws IllegalArgumentException {
        if (type == 1)
            throw new IllegalArgumentException
                ("Don't like type " + type);
        return new Object();
    }
}
```

Result:

The above code sample will produce the following result.

```
All done
java.lang.Object@1b90b39
Error: (Don't like type 1).
All done
```

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