

JAVA EXAMPLES - CHAINED EXCEPTIONS

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Problem Description:

How to use catch to handle chained exception?

Solution:

This example shows how to handle chained exception using multiple catch blocks.

```
public class Main{
    public static void main (String args[])throws Exception {
        int n=20,result=0;
        try{
            result=n/0;
            System.out.println("The result is"+result);
        }
        catch(ArithmeticException ex){
            System.out.println
            ("Arithmetic exception occurred: "+ex);
            try {
                throw new NumberFormatException();
            }
            catch(NumberFormatException ex1) {
                System.out.println
                ("Chained exception thrown manually : "+ex1);
            }
        }
    }
}
```

Result:

The above code sample will produce the following result.

```
Arithmetic exception occurred :
java.lang.ArithmeticException: / by zero
Chained exception thrown manually :
java.lang.NumberFormatException
```