**Java – StackTrace to String conversion**

[**STRING HANDLING**](http://beginnersbook.com/category/string-handling/)

There are times when we want to **convert the occurred exception to String**. In the following program we are converting the stacktrace to String by using Throwable.printStackTrace(PrintWriter pw).

**Example: Converting Exception StackTrace to String**

package com.beginnersbook.string;

import java.io.PrintWriter;

import java.io.StringWriter;

public class StacktraceToString {

    public static void main(String args[]){

        try{

            int i =5/0;

            System.out.println(i);

        }catch(ArithmeticException e){

            /\* This block of code would convert the

             \* stacktrace to string by using

             \* Throwable.printStackTrace(PrintWriter pw)

             \* which sends the stacktrace to the writer

             \* that we can convert to string using tostring()

             \*/

            StringWriter sw = new StringWriter();

            PrintWriter pw = new PrintWriter(sw);

            e.printStackTrace(pw);

            String stacktraceString = sw.toString();

            System.out.println("String is: "+stacktraceString);

        }

    }

}

**Output:**

String is: java.lang.ArithmeticException: / by zero

at com.beginnersbook.string.StacktraceToString.main(StacktraceToString.java:8)