

# JAVA.LANG.THROWABLE.PRINTSTACKTRACE METHOD

[http://www.tutorialspoint.com/java/lang/throwable\\_printstacktrace.htm](http://www.tutorialspoint.com/java/lang/throwable_printstacktrace.htm)

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## Description

The **java.lang.Throwable.printStackTrace** method prints this throwable and its backtrace to the standard error stream. It prints a stack trace for this Throwable object on the error output stream that is the value of the field System.err.

## Declaration

Following is the declaration for **java.lang.Throwable.printStackTrace** method

```
public void printStackTrace()
```

## Parameters

- NA

## Return Value

This method does not return any value.

## Exception

- NA

## Example

The following example shows the usage of java.lang.Throwable.printStackTrace method.

```
package com.tutorialspoint;

import java.lang.*;

public class ThrowableDemo {

    public static void main(String[] args) {

        try {
            ExceptionFunc();
        }
        catch(Throwable e) {
            // prints stacktrace for this Throwable Object
            e.printStackTrace();
        }
    }

    public static void ExceptionFunc() throws Throwable {

        Throwable t = new Throwable("This is new Exception...");
        StackTraceElement[] trace = new StackTraceElement[] {
            new StackTraceElement("ClassName", "methodName", "fileName", 5)
        };

        // sets the stack trace elements
        t.setStackTrace(trace);
        throw t;
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
java.lang.Throwable: This is new Exception...  
at ClassName.methodName(fileName:5)
```

```
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