

# JAVA.UTIL.STACK.PEEK METHOD

[http://www.tutorialspoint.com/java/util/stack\\_peek.htm](http://www.tutorialspoint.com/java/util/stack_peek.htm)

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## Description

The **peek** method is used to look at the object at the top of this stack without removing it from the stack.

## Declaration

Following is the declaration for **java.util.Stack.peek** method.

```
public Object peek()
```

## Parameters

- **NA**

## Return Value

The method call returns the object at the top of this stack.

## Exception

- **EmptyStackException** -- This is thrown if this stack is empty.

## Example

The following example shows the usage of `java.util.Stack.peek`

```
package com.tutorialspoint;

import java.util.*;

public class StackDemo {
    public static void main(String args[]) {
        // creating stack
        Stack st = new Stack();

        // populating stack
        st.push("Java");
        st.push("Source");
        st.push("code");

        // checking the top object
        System.out.println("Top object is: "+st.peek());
    }
}
```

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

```
Top object is: code
```

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