### *Constructor Summary*

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| **Constructors** |
| **Constructor and Description** |
| [**Stack**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html#Stack--)()  Creates an empty Stack. |

### *Method Summary*

|  |  |
| --- | --- |
| **All Methods**[**Instance Methods**](javascript:show(2);)[**Concrete Methods**](javascript:show(8);) | |
| **Modifier and Type** | **Method and Description** |
| boolean | [**empty**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html#empty--)()  Tests if this stack is empty. |
| [**E**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html) | [**peek**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html#peek--)()  Looks at the object at the top of this stack without removing it from the stack. |
| [**E**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html) | [**pop**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html#pop--)()  Removes the object at the top of this stack and returns that object as the value of this function. |
| [**E**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html) | [**push**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html#push-E-)([**E**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html) item)  Pushes an item onto the top of this stack. |
| int | [**search**](https://docs.oracle.com/javase/8/docs/api/java/util/Stack.html#search-java.lang.Object-)([**Object**](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) o)  Returns the 1-based position where an object is on this stack. |

### Methods inherited from class java.util.[Vector](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html)

[add](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#add-E-), [add](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#add-int-E-), [addAll](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#addAll-java.util.Collection-), [addAll](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#addAll-int-java.util.Collection-), [addElement](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#addElement-E-), [capacity](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#capacity--), [clear](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#clear--), [clone](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#clone--), [contains](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#contains-java.lang.Object-), [containsAll](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#containsAll-java.util.Collection-), [copyInto](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#copyInto-java.lang.Object:A-), [elementAt](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#elementAt-int-), [elements](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#elements--), [ensureCapacity](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#ensureCapacity-int-), [equals](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#equals-java.lang.Object-), [firstElement](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#firstElement--), [forEach](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#forEach-java.util.function.Consumer-), [get](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#get-int-), [hashCode](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#hashCode--), [indexOf](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#indexOf-java.lang.Object-), [indexOf](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#indexOf-java.lang.Object-int-), [insertElementAt](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#insertElementAt-E-int-), [isEmpty](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#isEmpty--), [iterator](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#iterator--), [lastElement](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#lastElement--), [lastIndexOf](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#lastIndexOf-java.lang.Object-), [lastIndexOf](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#lastIndexOf-java.lang.Object-int-), [listIterator](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#listIterator--), [listIterator](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#listIterator-int-), [remove](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#remove-int-), [remove](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#remove-java.lang.Object-), [removeAll](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#removeAll-java.util.Collection-), [removeAllElements](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#removeAllElements--), [removeElement](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#removeElement-java.lang.Object-), [removeElementAt](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#removeElementAt-int-), [removeIf](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#removeIf-java.util.function.Predicate-), [removeRange](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#removeRange-int-int-), [replaceAll](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#replaceAll-java.util.function.UnaryOperator-), [retainAll](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#retainAll-java.util.Collection-), [set](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#set-int-E-), [setElementAt](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#setElementAt-E-int-), [setSize](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#setSize-int-), [size](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#size--), [sort](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#sort-java.util.Comparator-), [spliterator](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#spliterator--), [subList](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#subList-int-int-), [toArray](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#toArray--), [toArray](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#toArray-T:A-), [toString](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#toString--), [trimToSize](https://docs.oracle.com/javase/8/docs/api/java/util/Vector.html#trimToSize--)

### Methods inherited from class java.lang.[Object](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html)

[finalize](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html#finalize--), [getClass](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html" \l "getClass--), [notify](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html#notify--), [notifyAll](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html" \l "notifyAll--), [wait](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html#wait--), [wait](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html#wait-long-), [wait](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html#wait-long-int-)

### Methods inherited from interface java.util.[Collection](https://docs.oracle.com/javase/8/docs/api/java/util/Collection.html)

[parallelStream](https://docs.oracle.com/javase/8/docs/api/java/util/Collection.html#parallelStream--), [stream](https://docs.oracle.com/javase/8/docs/api/java/util/Collection.html#stream--)