

JAVA.UTIL.VECTOR.REMOVE METHOD

http://www.tutorialspoint.com/java/util/vector_remove.htm

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Description

The **removeintindex** method is used to remove the element at the **specified position** in this Vector. It shifts any subsequent elements to the left *subtract one from their indices*. It also Returns the element that was removed from the Vector.

Declaration

Following is the declaration for **java.util.Vector.remove** method

```
public E remove(int index)
```

Parameters

- **index** -- This is the index of the element to be removed.

Return Value

The method call returns the element that was removed.

Exception

- **ArrayIndexOutOfBoundsException** -- This exception is thrown if the index is out of range.

Example

The following example shows the usage of java.util.Vector.remove method.

```
package com.tutorialspoint;

import java.util.Vector;

public class VectorDemo {
    public static void main(String[] args) {
        // create an empty Vector vec with an initial capacity of 4
        Vector vec = new Vector(4);

        // use add() method to add elements in the vector
        vec.add(4);
        vec.add(3);
        vec.add(2);
        vec.add(1);

        // let us remove the 1st element
        System.out.println("Removed element: "+vec.remove(1));
    }
}
```

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

```
Removed element: 3
```

```
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```