

JAVA.UTIL.VECTOR.SET METHOD

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

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Description

The **set** *int index, E element* method is used to replace the element at the specified position in this Vector with the specified element.

Declaration

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

```
public E set(int index, E element)
```

Parameters

- **index** -- This is the index of the element to be replaced.
- **element** -- This is the element to be stored at the specified position.

Return Value

The method call returns the element that was previously stored at the specified position.

Exception

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

Example

The following example shows the usage of java.util.Vector.set 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);

        // set 15 at 2nd index position
        vec.set(2, 15);

        // let us print all the elements available in vector
        System.out.println("Added numbers are :- ");
        for (Integer number : vec) {
            System.out.println("Number = " + number);
        }
    }
}
```

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

```
Added numbers are :-
Number = 4
```

Number = 3
Number = 15
Number = 1

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