

JAVA.UTIL.VECTOR.ELEMENTAT METHOD

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

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Description

The **elementAt** method is used to get the component at the specified index/location of the vector.

Declaration

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

```
public Object elementAt(int index)
```

Parameters

- **index** -- This is an index into this vector.

Return Value

It returns the component at the specified index.

Exception

- **ArrayIndexOutOfBoundsException** -- if the index is negative or not less than the current size of this Vector object given.

Example

The following example shows the usage of java.util.Vector.elementAt 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<Integer> vec = new Vector<Integer>(4);

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

        // let us print the element at 1st position in the vector
        System.out.println("Element at 1st position :- "+vec.elementAt(1));
    }
}
```

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

```
Element at 1st position :- 3
```

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