

JAVA.UTIL.VECTOR.REMOVEALLELEMENTS METHOD

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

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Description

The **removeAllElements** method is used to remove all components from this vector and sets its size to zero. This method is identical in functionality to the clear method.

Declaration

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

```
public void removeAllElements()
```

Parameters

- NA

Return Value

- NA

Exception

- NA

Example

The following example shows the usage of java.util.Vector.removeAllElements 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 print all the elements available in vector
        System.out.println("Added numbers are :- ");
        for (Integer number : vec) {
            System.out.println("Number = " + number);
        }
        System.out.println("Size of the vector: "+vec.size());

        System.out.println("Removing all elements");
        // lets remove all the elements
        vec.removeAllElements();

        System.out.println("Now size of the vector: "+vec.size());
    }
}
```

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

```
Added numbers are :-
```

```
Number = 4  
Number = 3  
Number = 2  
Number = 1  
Size of the vector: 4  
Removing all elements  
Now size of the vector: 0
```

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