

JAVA.UTIL.VECTOR.REMOVERANGE METHOD

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

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Description

The **removeRange** method is used to remove all elements from this List whose index is between fromIndex, inclusive and toIndex, exclusive.

Declaration

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

```
protected void removeRange(int fromIndex, int toIndex)
```

Parameters

- **fromIndex** -- This is the index of first element to be removed.
- **toIndex** -- This is the index after last element to be removed

Return Value

- NA

Exception

- NA

Example

The following example shows the usage of java.util.Vector.removeRange 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 7
        Vector vec = new Vector(7);

        // use add() method to add elements in the vector
        vec.add(1);
        vec.add(2);
        vec.add(3);
        vec.add(4);
        vec.add(5);
        vec.add(6);
        vec.add(7);

        /**
         * Removing range of elements is not directly supported. However, it
         * can be done by using subList and clear methods.
         */
        System.out.println("Remove elements from 2nd to 4th");
        vec.subList(2,4).clear();

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

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

```
Remove elements from 2nd to 4th  
Numbers after removal :-  
Number = 1  
Number = 2  
Number = 5  
Number = 6  
Number = 7
```

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