

JAVA.UTIL.ARRAYDEQUE.CLONE METHOD

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

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Description

The **java.util.ArrayDeque.clone** method returns a copy of this **deque**.

Declaration

Following is the declaration for **java.util.ArrayDeque.clone** method

```
public ArrayDeque<E> clone()
```

Parameters

- NA

Return Value

This method returns a copy of this deque.

Exception

- NA

Example

The following example shows the usage of java.util.ArrayDeque.getFirst method.

```
package com.tutorialspoint;

import java.util.ArrayDeque;
import java.util.Deque;

public class ArrayDequeDemo {
    public static void main(String[] args) {

        // create an empty array deque with an initial capacity
        ArrayDeque<Integer> deque1 = new ArrayDeque<Integer>(8);

        // use add() method to add elements in the deque
        deque1.add(15);
        deque1.add(30);
        deque1.add(20);
        deque1.add(18);

        // clone the first deque,
        Deque<Integer> deque2 = deque1.clone();

        // let us print all the elements available in deque2
        // now deque2 should have similar elements to deque1.
        for (Integer number : deque2) {
            System.out.println("Number = " + number);
        }
    }
}
```

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

```
Number = 15
Number = 30
Number = 20
Number = 18
```

