

JAVA.UTIL.ARRAYDEQUE.TOARRAY METHOD

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

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Description

The **java.util.ArrayDeque.toArray** method returns an array containing all of the **elements** in this **deque** in proper sequence.

Declaration

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

```
public Object[] toArray()
```

Parameters

- NA

Return Value

This method returns an array containing all of the elements in this deque.

Exception

- NA

Example

The following example shows the usage of java.util.ArrayDeque.toArray 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
        Deque<Integer> deque = new ArrayDeque<Integer>(8);

        // use add() method to add elements in the deque
        deque.add(15);
        deque.add(20);
        deque.add(25);
        deque.add(18);

        // let us print all the elements available in deque
        for (Integer number : deque) {
            System.out.println("Number = " + number);
        }

        // printing the array length of elements added above
        Object[] ob = deque.toArray();
        System.out.println("\n Array Size : " + ob.length);
    }
}
```

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

```
Number = 15
Number = 20
Number = 25
```

Number = 18

Array Size : 4

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