

JAVA.UTIL.PRIORITYQUEUE.CLEAR METHOD

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

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Description

The **clear** method is used to remove all of the elements from this priority queue. The queue will be empty after this call returns.

Declaration

Following is the declaration for **java.util.PriorityQueue.clear** method.

```
public void clear()
```

Parameters

- NA

Return Value

- NA

Exception

- NA

Example

The following example shows the usage of `java.util.PriorityQueue.clear`

```
package com.tutorialspoint;

import java.util.*;

public class PriorityQueueDemo {
    public static void main(String args[]) {
        // create priority queue
        PriorityQueue < Integer > prq = new PriorityQueue < Integer > ();

        // insert values in the queue
        for ( int i = 0; i < 10; i++ ){
            prq.add (new Integer (i)) ;
        }

        System.out.println ( "Priority queue values are: " + prq);

        // clear the queue
        prq.clear();

        System.out.println ( "Priority queue values after clear: " + prq);
    }
}
```

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

```
Priority queue values are: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
Priority queue values after clear: []
```

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