JAVA.UTIL.PRIORITYQUEUE.REMOVE METHOD

Description

The **remove***Objecto* method is used to remove a single instance of the specified element from this queue, if it is present.

Declaration

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

```
public boolean remove(Object o)
```

Parameters

- **o** -- The element to be removed from this queue.

Return Value

- The method call returns 'true' if this queue changed as a result of the call.

Exception

- **NA**

Example

The following example shows the usage of java.util.PriorityQueue.remove

```
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 = 3; i  <  10; i++ ){
   prq.add (new Integer (i)) ;
   }

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

   // remove 7 from the queue
   boolean isremoved = prq.remove(7);

   System.out.println ( "Return value after remove: "+ isremoved);

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

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

```
Initial priority queue values are: [3, 4, 5, 6, 7, 8, 9]
Return value after remove: true
Priority queue values after remove: [3, 4, 5, 6, 9, 8]
```

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