OBJECT ORIENTED PROGRAMMING LAB

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Aim

Program to demonstrate the creation of queue object using the Priority Queue class.

Procedure

```
import java.util.PriorityQueue;

public class CreationQueue {

    public static void main(String[] args) {

        PriorityQueue <Integer> pq = new PriorityQueue<>();

        pq.add(10);

        pq.add(13);

        pq.add(15);

        System.out.println("Elements are:");

        System.out.println(pq);

        System.out.println("Peek element is:");

        System.out.println(pq.peek());

        System.out.println("Removed element:");

        System.out.println(pq.poll());

        System.out.println("New peek element:");

        System.out.println(pq.peek());

        System.out.println("Elements are:");

        System.out.println(pq);

    }

}
```
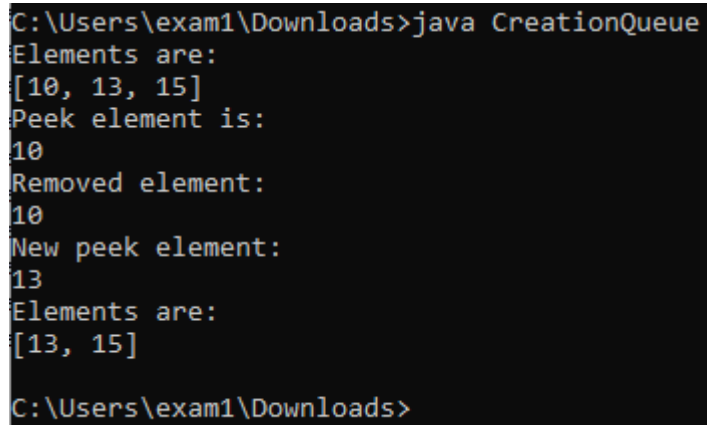
Output Screenshot

```
C:\Users\exam1\Downloads>java CreationQueue
Elements are:
[10, 13, 15]
Peek element is:
10
Removed element:
10
New peek element:
13
Elements are:
[13, 15]

C:\Users\exam1\Downloads>
```