

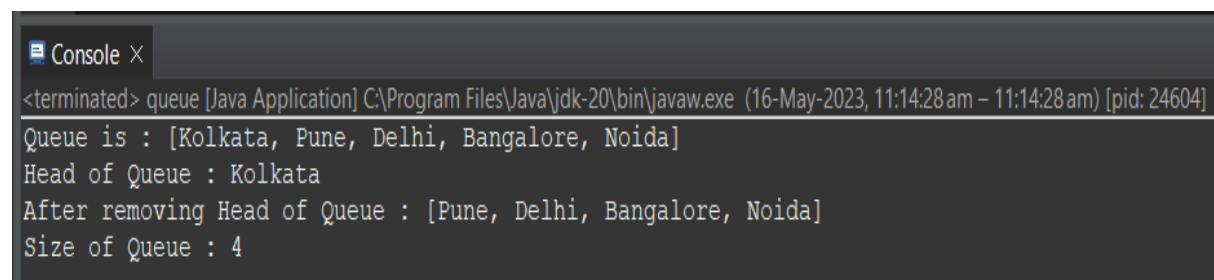
Practice assisted project phase 1

9. Write a program in Java to insert and remove elements in a queue

```
package main;
import java.util.*;

public class queue {
    public static void main(String[] args)
    {
        Queue<String> locationsQueue = new
LinkedList<>();
        locationsQueue.add("Kolkata");
        locationsQueue.add("Pune");
        locationsQueue.add("Delhi");
        locationsQueue.add("Bangalore");
        locationsQueue.add("Noida");
        System.out.println("Queue is : " +
locationsQueue);
        System.out.println("Head of Queue : " +
locationsQueue.peek());
        locationsQueue.remove();
        System.out.println("After removing Head of
Queue : " + locationsQueue);
        System.out.println("Size of Queue : " +
locationsQueue.size());
    }
}
```

OUTPUT-



```
Console X
<terminated> queue [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (16-May-2023, 11:14:28 am - 11:14:28 am) [pid: 24604]
Queue is : [Kolkata, Pune, Delhi, Bangalore, Noida]
Head of Queue : Kolkata
After removing Head of Queue : [Pune, Delhi, Bangalore, Noida]
Size of Queue : 4
```