**Problem 10:**

**Implementation of Queue:**

import java.util.LinkedList;

import java.util.Queue;

public class QueueExample {

public static void main(String[] args)

{

Queue<Integer> q = new LinkedList<>();

for (int i = 0; i < 5; i++)

q.add(i);

System.out.println("Elements of queue "+ q);

int removedele = q.remove();

System.out.println("removed element-"+ removedele);

System.out.println(q);

int head = q.peek();

System.out.println("head of queue-"+ head);

int size = q.size();

System.out.println("Size of queue-"+ size);

}

}