## **Question 1:**

## **Problem Description**

How to get the first and the last element of a linked list ?

## **Solution**

Following example shows how to get the first and last element of a linked list with the help of linkedlistname.getFirst() and linkedlistname.getLast() of LinkedList class.

## **Question 2:**

## **Problem Description**

How to add an element at first and last position of a linked list ?

## **Solution**

Following example shows how to add an element at the first and last position of a linked list by using addFirst() and addLast() method of Linked List class.

## **Question 3:**

## **Problem Description**

How to implement Queue ?

## **Solution**

Following example shows how to implement a queue in an employee structure.

## **Question 4:**

## **Problem Description**

How to reverse a string using stack ?

## **Solution**

Following example shows how to reverse a string using stack with the help of user defined method StringReverserThroughStack().

## **Question 5:**

## **Problem Description**

How to implement stack ?

## **Solution**

Following example shows how to implement stack by creating user defined push() method for entering elements and pop() method for retrieving elements from the stack.

## **Question 6:**

## **Problem Description**

How to get the maximum element from a vector ?

## **Solution**

Following example demonstrates how to get the maximum element of a vector by using v.add() method of Vector class and Collections.max() method of Collection class.