**Name: Bibek Dhungana**

**OUTPUT**

**For Single Linked List.**

1. **Inserting element to head (0)**

**Graphical user interface, text

Description automatically generated**

**2. Inserting element to tail (1)**

**Graphical user interface, text, application

Description automatically generated**

1. **Deleting element from head (2)**

**Graphical user interface, text

Description automatically generated**

1. **Delete element from tail (3)**

**Graphical user interface, text

Description automatically generated**

1. **Search and delete (4)**

10 and 20 is added. When 10 is deleted, it is successful. When the (99) element isn’t in list, it gives the message,

The element is not found in the list.

Text

Description automatically generated

1. **Print Element from the list (5)**

Three element is added and printed to see the result.

Text

Description automatically generated

**For Doubly Linked List.**

1. **Inserting element to head (6)**

**Text

Description automatically generated**

1. **Inserting element to tail (7)**

**Text

Description automatically generated**

1. **Deleting element from the head (8)**

**Text

Description automatically generated**

1. **Deleting element from the tail (9)**

**Text

Description automatically generated**

1. **Search and delete (10)**

5 and 15 is added to list. When 5 is searched and deleted. The operation is successful. When we try to delete something not in list, error message is displayed.

Text

Description automatically generated

**6.Print double Linked List (11)**

Couple of elements is added from both tail and head. Then the list is printed.

Text

Description automatically generated

**Exiting the program**

**Text

Description automatically generated**