

# Practical No. 1(B)

## Program :

```
import java.util.LinkedList;
import java.util.Scanner;

public class Prac1B {
    public static void main(String[] args) {
        LinkedList<Integer> linkedList = new LinkedList<>();
        linkedList.add(10);
        linkedList.add(20);
        linkedList.add(30);
        linkedList.add(40);
        linkedList.add(20);
        linkedList.add(50);

        System.out.println("Entered LinkedList: " + linkedList);

        int elementToFind;
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter the element to find: ");
        elementToFind = scanner.nextInt();

        int firstIdx = linkedList.indexOf(elementToFind);
        int lastIdx = linkedList.lastIndexOf(elementToFind);

        if (firstIdx != -1) {
            System.out.println("First occurrence of the element is at " + firstIdx);
            System.out.println("Last occurrence of the element is at " + lastIdx);
        } else {
            System.out.println(elementToFind + " not found in the list.");
        }
    }
}
```

## Output :

```
Entered LinkedList: [10, 20, 30, 40, 20, 50]
Enter the element to find: 20
First occurrence of the element is at 1
Last occurrence of the element is at 4
```