The program starts by asking the user about the integers' number.

```
Enter the number of integers :
```

The user enters the values.

```
Enter the number of integers : 9
Enter the 1 integer : 1
Enter the 2 integer : 4
Enter the 3 integer : 2
Enter the 4 integer : 5
Enter the 5 integer : 1
Enter the 6 integer : 3
Enter the 7 integer : 4
Enter the 8 integer : 1
Enter the 9 integer : 2
```

The user enters a value to check its occurrence and a value to be added to the vector using a function.

```
Enter the integer you want to check its occurrence : 1
Enter the integer you want to add to the vector : 6
The integer 1 occurred 3 time/s.
```

The vector converts to a linked list without repeating any value using a function inside a class called LinkedList, and then the program displays the linked list using another function.

```
The value 1 exists 3 time/s.
The value 4 exists 2 time/s.
The value 2 exists 2 time/s.
The value 5 exists 1 time/s.
The value 3 exists 1 time/s.
The value 6 exists 1 time/s.
```

There is a function that counts the sum of all the values of the linked list.

```
The sum of the nodes = 21
```

If we added a new value it using the function Add(), it will add it to the linked list.

```
The value 1 exists 1 time/s.
The value 2 exists 1 time/s.
The value 3 exists 1 time/s.
The value 4 exists 1 time/s.
The sum of the nodes = 10
Enter the value you want add : 5
The value 1 exists 1 time/s.
The value 2 exists 1 time/s.
The value 3 exists 1 time/s.
The value 4 exists 1 time/s.
The value 5 exists 1 time/s.
```

On the other hand, if we added a value that already exists, it will give a warning message and increase the occurrence of this value by one.

```
The value 1 exists 2 time/s.
The value 2 exists 1 time/s.
The value 4 exists 1 time/s.
The value 3 exists 1 time/s.
The value 5 exists 1 time/s.
The sum of the nodes = 15
Enter the value you want add : 4
This value already exists!!
The value 1 exists 2 time/s.
The value 2 exists 1 time/s.
The value 4 exists 2 time/s.
The value 3 exists 1 time/s.
The value 5 exists 1 time/s.
```

We can remove a value using the function remove.

```
The value 1 exists 2 time/s.
The value 2 exists 1 time/s.
The value 4 exists 2 time/s.
The value 3 exists 1 time/s.
The value 5 exists 1 time/s.
Enter the value you want remove : 3
The value 1 exists 2 time/s.
The value 2 exists 1 time/s.
The value 4 exists 2 time/s.
The value 5 exists 1 time/s.
```