```
Enter the number of integers: 8
Enter the integers:
1 1 2 2 3 3 4 4
The vector is: 1 1 2 2 3 3 4 4
Enter the first value: 2
Enter the second value: 6
The vector after inserting 6 after 2: 1 1 2 6 2 6 3 3 4 4

The linked list created from the vector is:
1(2) 2(2) 6(2) 3(2) 4(2)

The sum of all nodes in the linked list is: 38
```

```
Enter the number of integers: 6
Enter the integers:
2 4 6 2 4 6
The vector is: 2 4 6 2 4 6
Enter the first value: 4
Enter the second value: 9
The vector after inserting 9 after 4: 2 4 9 6 2 4 9 6

The linked list created from the vector is:
2(2) 4(2) 9(2) 6(2)

The sum of all nodes in the linked list is: 56
```