

Report:

```
Microsoft Visual Studio Debug Console
Enter number of integers that u want to insert:
5
Enter element number 1 of the list: 1
Enter element number 2 of the list: 2
Enter element number 3 of the list: 1
Enter element number 4 of the list: 4
Enter element number 5 of the list: 1
Enter first value:
1
Enter the value to be inserted after all instances first value:
6
Sum of all elements of the new list created = 27
Elements of the list: 1 6 2 4
1 occurred 3 times.
6 occurred 3 times.

C:\Users\wifi\source\repos\Assignment 3 cs2\Debug\Assignment 3 cs2.exe (process 21368) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Problems I faced while writing this code:

Part 4 of the assignment took me a while as I yet had not fully wrapped my head around the whole aspect of traversing.

I was impressed with myself after actually writing the sum function, it was kind of lucky but it worked after the 3rd attempt. I made it recursive because again, at the time I did not fully understand traversing.