COMP 1603 – Tutorial/Lab 4

1. Write code to build a linked list of letters. (Each node holds one letter). The user can enter any amount of letters he/she wishes and the data entry process is terminated by an entry of '*'.

   Print the number of vowels in the list.

2. Write code to read a string with the variable name **target** from the user. Determine if the exact string (no extra letters) is equal to the linked list created in (1) above. Assume that all letters are in UPPERCASE.

3. Enter 1, 2, 3, 4, 5, 6 in a linked list so 6 is the last element.
   a. Write a function to delete the top node. Call and test the function.
   b. Write a function to delete intermediate nodes. Call and test the function.

4. Create a linked list of 5 employee records where a record contains {id, salary}
   Next, find and print the sum of all the salaries.
   Increase all salaries by 10%