

### Assignment 3

1. Enter any string and check entered string is palindrome or not?
2. Enter any string in lowercase. Write a program to convert lowercase string to uppercase and vice versa.
3. Write a program that will read a line and count all occurrences of the word 'the'.
4. Write a program to count all vowels from a sentence.
5. Enter any line of text and write a program to reverse each word of entered text.
6. Write a program to sort a set of names stored in an array in alphabetical order.
7. Write a program to delete all vowels from a sentence.
8. Write a program that will read a line and delete from it all occurrences of the word 'the'.
9. Write a program that takes a set of names of individuals and abbreviates the first, middle and other names except the last name by their first letter.
10. Write a program to count the number of occurrences of any two vowels in succession in a line of text. For example, in the sentence  
"Pleases read this application and give me gratuity"  
such occurrences are ea, ea, ui.