**Assignment Level2**

**Note: Please use functions to complete these assignments and avoid the inbuilt functions**.

* Write a program convert all the vowels to uppercase for the given input string.
* Write a program reverse a given input string
* Write a program reverse the given input list
* Write a program print the Fibonacci series till 100
* Write a program find a given number is prime or not
* Write a program find given number is perfect or not
* Write a program find a factorial of a given number
* Write a program count number of occurrences of vowels in a given string.
* Write a program find a given number is Armstrong or not?
* Write a program that should convert lower case to upper case letter?
* Write a program sort the given list of integer elements
* Write a program construct two dimensional array and print the same.
* Write a program find a maximum number in the given input integer list.
* Write a program print longest length string from given input list of strings.
* Write a program count duplicated elements in the list
* Write a program to get the indices of duplicated elements from given input list.
* Write a program convert base 10 to base 2 , base 8 , base 16 number systems.