**Assignment Level2**

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

1. Write a program convert all the vowels to uppercase for the given input string.
2. Write a program reverse a given input string
3. Write a program reverse the given input list
4. Write a program print the Fibonacci series till 100
5. Write a program find a given number is prime or not
6. Write a program find given number is perfect or not
7. Write a program find a given number is Armstrong or not?
8. Write a program sort the given list of integer elements
9. Write a program find a maximum number in the given input integer list.
10. Write a program print longest length string from given input list of strings.
11. Write a program count duplicated elements in the list
12. Write a program to get the indices of duplicated elements from given input list.
13. Write a program convert base 10 to base 2, base 8 , base 16 number systems.
14. Write a program find the given number is perfect or not