Assignment 04 pointer

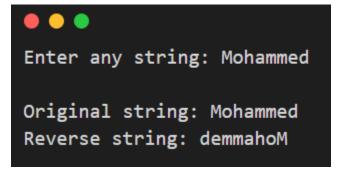
Problem 1:

Write a C program to input elements in an array and print the elements and reverse array's elements using pointers.

```
Enter size of Array: 10
Enter the elements in array: 1 2 3 4 5 6 7 8 9 10
Array elements: 1 2 3 4 5 6 7 8 9 10
The elements of array in reverse order are: 10 9 8 7 6 5 4 3 2 1
```

Problem 2:

Write a C program to find reverse of a given string using pointers.



Problem 3:

Write a C program to calculate the length of a string using a pointer.

Problem 4:

Write a C program to Swap elements using call by reference.

```
Input the value of 1st element: 5
Input the value of 2nd element: 6
Input the value of 3rd element: 7

The value before swapping are: element 1 = 5
element 2 = 6
element 3 = 7

The value after swapping are: element 1 = 7
element 2 = 5
element 3 = 6
```

Problem 5:

Write a C program *to* access members of a structure using pointers.

