**Assignment Day 6**

1. Write a program to identify whether a string is a palindrome or not
   1. A string is a palindrome if it reads the same backward or forward eg: MALAYALAM
   2. Program should accept a string and display whether the string is a palindrome or not

Eg: **Output**: Enter a string

**Input**: MALAYALAM

**Output**: Entered string is a palindrome

Eg 2: **Output**: Enter a string

**Input**: HELLO

**Output**: Entered string is not a palindrome

1. Write a program to add to two dimensional arrays
   1. Program should accept two 2D arrays and display its sum

Eg: **Output**: Enter the size of arrays

**Input**: 3

**Output**: Enter the values of array 1

**Input**:

1 2 3

4 5 6

7 8 9

**Output**: Enter the values of array 2

**Input**:

10 20 30

40 50 60

70 80 90

**Output**: Sum of 2 arrays is:

11 22 33

44 55 66

77 88 99

1. Write a program to accept an array and display it on the console using functions
   1. Program should contain 3 functions including main() function

**main()**

1. Declare an array
2. Call function getArray()
3. Call function displayArray()

**getArray()**

1. Get values to the array

**displayArray()**

1. Display the array values