

Assignment Day 6

1. Write a program to identify whether a string is a palindrome or not
 - a. A string is a palindrome if it reads the same backward or forward eg:
MALAYALAM
 - b. 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

2. Write a program to add to two dimensional arrays
 - a. 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

3. Write a program to accept an array and display it on the console using functions
 - a. 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