# ASSIGNMENT

By

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Department Name: CSE



# Model Institute of Engineering & Technology (Autonomous)

(Permanently Affiliated to the University of Jammu, Accredited by NAAC with "A" Grade)

Jammu, India

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#### Part 1

# Aim:- program to find the given string is palindrome or not

# **Output:-**

Windows PowerShell

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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\amank\.vscode\extensions\cprogram> & 'c:\Users\amank\.vscode\extensions\ms-vscode.cpptools-1.18.5-win32-x64\debugAdapters\bin\WindowsDebugLaunchr.exe' '--stdin=Microsoft-MIEngine-In-eyj33n40.chv' '--stdout=Microsoft-MIEngine-Out-2z2urr3j.rxk' '--stderr=Microsoft-MIEngine-Error-nlmm ccbh.iz3' '--pid=Microsoft-MIEngine-Pid-@pivzhnl.@jc' '--dbgExe=C:\msys64\ucrt64\bin\gdb.exe' '--interpreter=mi' "malayalam" is a palindrome.

#### Part 2

Aim:- program to find the second largest element in an array

```
// program to find second largest element in an arrey

#include<stdio.h>
int main()

{
    int arr[]={45,12,67,34,89,56};
    int max=arr[0];
    for (int i = 1; i < 6; i++)

{
        if (arr[i]>max)
        {
            max=arr[i];
        }
        printf("Maximum element in the array: %d\n", max);
        return 0;
}
```

# Out put:-

PS C:\Users\amank\.vscode\extensions\cprogram> & 'c:\Users\amank\.vscode\extensions\ms-vscode.cpptools-1.18.5-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe''--stdin=Microsoft-MIEngine-In-jawwcnfj.4qc''--stdout=Microsoft-MIEngine-Out-cbgvxxkt.cl3''--stderr=Microsoft-MIEngine-Error-4eh02dgs.35f''--pid=Microsoft-MIEngine-Pid-3qthle2k.xn2''--dbgExe=C:\msys64\ucrt64\bin\gdb.exe''--interpreter=mi'
Maximum element in the array: 89