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Section: CSE-13

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Subject: OOP Lab

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1. Write a program to add two matrix of 2*3 and display the sum in C++.

2. Write a program to reverse a string without using an predefined function.

```
PS C:\PRAJUKTA\learning-languages\cpp-programming> cd "c:\PRAJUKTA\learning-languages\cpp-programming\oop-lab\lab-2-oop\"; if ($?) { g++ quest2.cpp -o quest2 }; if ($?) { .\quest2 } Enter the String you want to reverse: PRAJUKTA

Length of the entered string: 8

Reverse of the entered string PRAJUKTA is : ATKUJARP
PS C:\PRAJUKTA\learning-languages\cpp-programming\oop-lab\lab-2-oop> [
```

3. Write a program to find the given length of a substring in a string.

```
PS C:\PRAJUKTA\learning-languages\cpp-programming> cd "c:\PRAJUKTA\learning-languages\cpp-programming\oop-lab\lab-2-oop\" ; if ($?) { g++ quest3.cpp -o quest3 } ; if ($?) { .\quest3 } Enter the string; Prajukta Enter the storting limit: 0 Enter the ending limit: 0 Enter the ending limit: 4 The substring is: Praj The length of the sub-string is: 14 PS C:\PRAJUKTA\learning-languages\cpp-programming\oop-lab\lab-2-oop> []
```

4. Write a program to compare two strings using library functions.

5. Write a program to compare two strings without using library functions.

```
PS C:\PRAJUKTA\learning-languages\cpp-programming> cd "c:\PRAJUKTA\learning-languages\cpp-programming\oop-lab\lab-2-oop\"; if ($?) { g++ quest5.cpp -o quest5 }; if ($?) { .\quest5 }
Enter the first string: Prajukta
Enter the second string: Prajukta
Strings are equal.
PS C:\PRAJUKTA\learning-languages\cpp-programming\oop-lab\lab-2-oop> []
```