**TRINITY INTERNATIONAL SS & COLLEGE**

**Dillibazar Height, Kathmandu, Nepal**

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**LAB WORK #5: C-Programming**

**(COMPUTER SCIENCE)**

**SUBMITTED BY: SUBMITTED TO:**

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**GRADE: XI (MC1)**

**DATE : [2079/11/19] PRAVEEN KOIRALA**

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**2. Objective**

The main objectives of the lab work are as follows:

1. To Understand the concept of string manipulation.
2. To get familiar with syntax and program containing loops.
3. To Understand and apply concept on different string functions.

**3. Theoretical Background**

Strings: A string is generally considered as a data type and is often implemented as an array data structure of bytes (or words) that stores a sequence of elements.

Differnet functions in string using c:

1. Strrev() => to reverse string.
2. Strupr() => to convert to uppercase.
3. Strlwr() => to convert to lowercase.
4. Gets() => to input value in a string.
5. Puts() => to output value contained in a string.
6. Strcat() => to concatenate two strings.
7. Strlen() => to get the length of a string.
8. Strcmp() => to compare ascii values of two strings.

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