



# University of Central Punjab

(Incorporated by Ordinance No. XXIV of 2002 promulgated by Government of the Punjab)

FACULTY OF INFORMATION TECHNOLOGY

## Computer Organization and Assembly Language

Lab 12	
Topic	1. String operations 2. Repeat instructions

### PART 2

**NOTE: USE STRING OPERATIONS MOVSB, LODSB, CMPSB, STOSB, SCASB.**

#### Task 4:

Write a subroutine to concatenate two strings and return the updated string, use stack for taking parameters.

#### Example:

String 1: db "Hello",0

String 2: db "World",0

#### After Execution:

Updated String: "Hello World",0

Code in C++

```
//String Concat(string &a,string &b,string &c) ;address of strings are passed as a reference
```

```
//{c=a+b
```

```
//return c;
```

```
//}
```