**Bahria University, Lahore Campus**

Department of Computer Sciences

Lab Journal 09

**(Spring 2023)**

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| Course: | **Computer Architecture & Organization Lab** |  |
| Course Code: | CEL 221 | Max Marks: 15 |
| Faculty’s Name: | Maryam Munawar | Lab Engineer: |

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enroll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Lab Tasks:

### Task1: 5 Marks

Swap- take two input parameters, swap them using only the XOR operation.

**Task 2: 5 Marks**

Mult10 - take an input parameter, and return that parameter multiplied by 10 using only add operations.

**Lab Grading Sheet :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Max Marks** | **Obtained Marks** | **Comments(*if any*)** |
| a. | 5 |  |  |
| b. | 5 |  |  |
| c. | 5 |  |  |
| d. | 5 |  |  |
| **Total** | **20** |  | **Signature** |

**Note : Attempt all tasks and get them checked by your Instructor**