**Bahria University, Lahore Campus**

Department of Computer Sciences

Lab Journal 03

**(Spring 2023)**

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| --- | --- | --- |
| Course: | **Computer Architecture & Organization Lab** |  |
| Course Code: | CEL 221 | Max Marks: 30 |
| Faculty’s Name: | Maryam Munawar | Lab Engineer: |

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

## Lab Tasks:

### Task1: 10 Minutes

Convert the following C++ into assembly

String masj=”enter your name”;

String name=””;

Cin>>name;

### Task2: 10 Minutes

Convert the following C++ into assembly

String masj=”enter your enrollment”;

int enrollment;

Cin>>enrollment;

Cout<<”your Enrollment is”;

### Task3: 10 Minutes

Write a mips program to check two integers are equal or not.

### Task4: 10 Minutes

Write a program to enter the basic salary of an employee. If the basic salary is greater than

10,000 the employee gets 20% of basic salary as medical allowance and 30% as home

allowance. For employees with salary less than 10,000 these allowances are 10% and 15%

respectively. Given the salary of an employee, compute the gross salary. use branches

**Lab Grading Sheet :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Max Marks** | **Obtained Marks** | **Comments(*if any*)** |
| 1. | 10 |  |  |
| 2. | 10 |  |  |
| 3. | 10 |  |  |
| 4. | 10 |  |  |
| **Total** | **40** |  | **Signature** |

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