Bahria University,

Karachi Campus



COURSE: CEL-221 Computer Architecture And Organization

TERM: FALL 2020, CLASS: BSE- 3 (A)

Submitted By:

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(ADIL WAHEED) (65190)

Submitted To:

Engr. Muhammed Rehan Baig

Signed Remarks: Score:

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| SNO | DATE | LAB NO | LAB OBJECTIVE | SIGN |
| 1 | **19 October 2020** | 1 | **INTRODUCTION TO VVM** |  |
| 2 | **19 October 2020** | 2 | **Introduction to VVM Programming** |  |
| 3 | **24 October 2020** | 3 | **VVM Programming** |  |
| 4 | **24 October 2020** | 4 | **Introduction to MIPS Assembly language** |  |
| 5 | **30 October 2020** | 5 | **MIPS ASSEMBLY LANGUAGE ARITHMETIC OPERATIONS** |  |
| 6 | **30 October 2020** | 6 | **MIPS ASSEMBLY LANGUAGE USING ADDU INSTRUCTION** |  |
| 7 | **8 November 2020** | 7 | **Arithmetic Instructions in MIPS** |  |
| 8 | **14 November 2020** | 8 | **MULTIPLICATION AND DIVISION INSTRUCTIONS IN MIPS** |  |
| 9 | **27 December 2020** | 9 | **BIT MANIPULATION INSTRUCTIONS IN MIPS** |  |
| 10 | **27 December 2020** | 10 | **IF THEN ELSE; CONTROL STRUCTURE IN MIPS** |  |
| 11 | **27 December 2020** | 11 | **FOR LOOP; CONTROL STRUCTURE IN MIPS** |  |
| 12 | **27 December 2020** | 12 | **SWITCH; Control Structure In MIPS** |  |
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LAB EXPERIMENT NO.

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LIST OF TASKS

|  |  |
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| TASK NO | OBJECTIVE |
| 1 |  |
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Submitted On:

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(Date: 27/12/20)

**TASK NO 1:**

**SOLUTION:**

**OUTPUT:**