

INTRODUCTION TO COMPUTER SYSTEMS (IT1020)

Year 1, Semester 1

Practical Answer Submission 01

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**Activity 1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **CX** | **BX** | **DX** | **ZF** |
| 00 06 | 00 3C | 00 30 | 1 |
| 00 03 | 00 E0 | 00 31 | 0 |
| 00 02 | 00 C0 | 00 31 | 0 |

**Activity 1.2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **INSTRUCTION** | **CX** | **IP** | **CS** | **ACTUAL ADDRESS** |
| mov b1, 10 | 00 23 | 0102 | 0700 | 07102 |
| add b1, a1 | 00 23 | 0104 | 0700 | 07104 |
| jz zero | 00 07 | 0110 | 0700 | 07110 |
| zero: int 21h | 00 07 | 0114 | 0700 | 07114 |

**Activity 3**

