

INTRODUCTION TO COMPUTER SYSTEMS (IT1020)

Year 1, Semester 1

Practical Answer Submission 01

22278944, Vikum Chathuranga Basnayaka

Y1.S1.WD.IT.17

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

