Faculty of Computing

Submitted to: Ma'am Ayesha Akram

Subject: Computer Architecture

Submitted by: Fatima Zahra

Department: BSCS 04

Riphah International University

Islamabad Campus

Lab Task

Task 1:

START:

INP

STA NUM

LDA NUM

OUT

HLT

NUM: .data 1 0

```
EXECUTING...
Enter Inputs, the first of which must be an Integer: 1
Output:   1
EXECUTION HALTED NORMALLY due to the setting of the bit(s): [HALT-BIT]
```

```
EXECUTING...
Enter Inputs, the first of which must be an Integer: 0
Output:   0
EXECUTION HALTED NORMALLY due to the setting of the bit(s): [HALT-BIT]
```