

Faculty of Computing



Lab # 10

Computer Architecture

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Task 1:

*lab10

File Edit Modify Execute Help

Data Hex

Registers

Name	Width	Data
AC	16	0005
AR	12	001
DR	16	0000
E	1	0
I	1	0
IR	16	E001
PC	12	005
S	1	1

lda.a x

```
1 START:
2 INP
3 STA NUM
4 LDA NUM
5 OUT
6 HLT
7
8
9 NUM:.data 1 0
10
```

EXECUTING...

Enter Inputs, the first of which must be an Integer: 5

Output: 5