## **MPCA Lab Week 1**

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SRN: PES1UG21CS732

Section: L

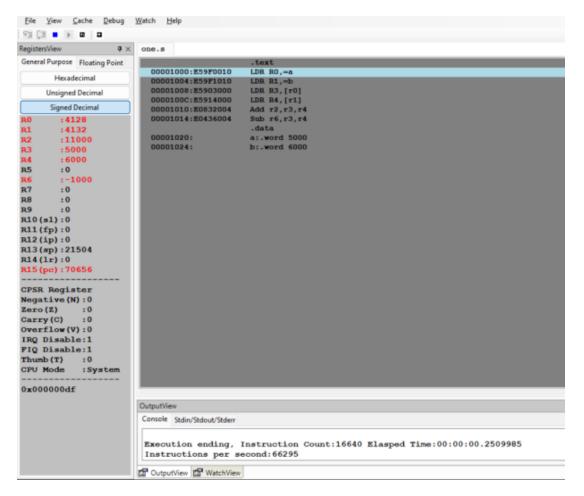
Sem: 4

Roll: 42

## 1)

```
File Edit View

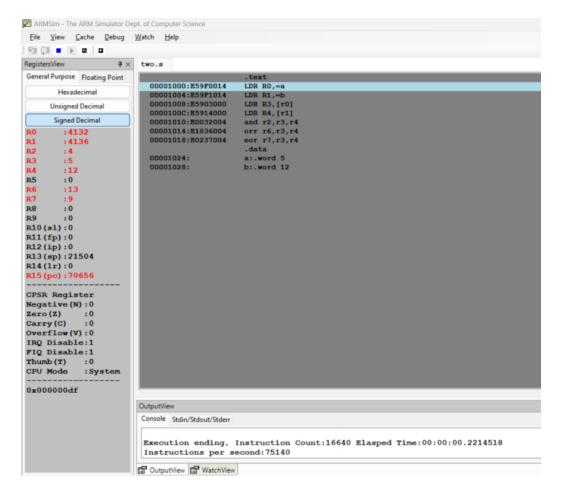
.text
LDR R0,=a
LDR R1,=b
LDR R3,[r0]
LDR R4,[r1]
Add r2,r3,r4
Sub r6,r3,r4
.data
a:.word 5000
b:.word 6000
```



## 2)

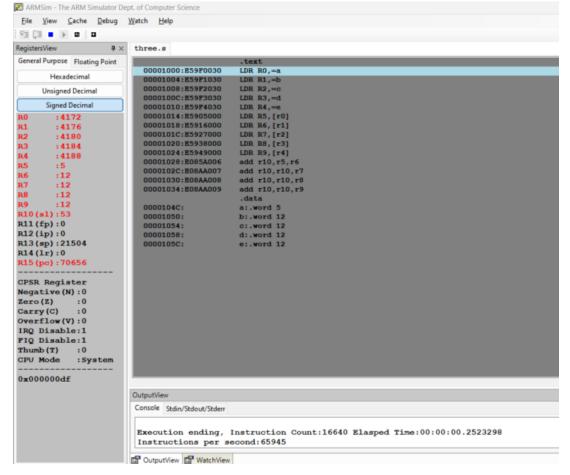
```
File Edit View

.text
LDR R0,=a
LDR R1,=b
LDR R3,[r0]
LDR R4,[r1]
and r2,r3,r4
orr r6,r3,r4
eor r7,r3,r4
.data
a:.word 5
b:.word 12
```



```
File Edit View

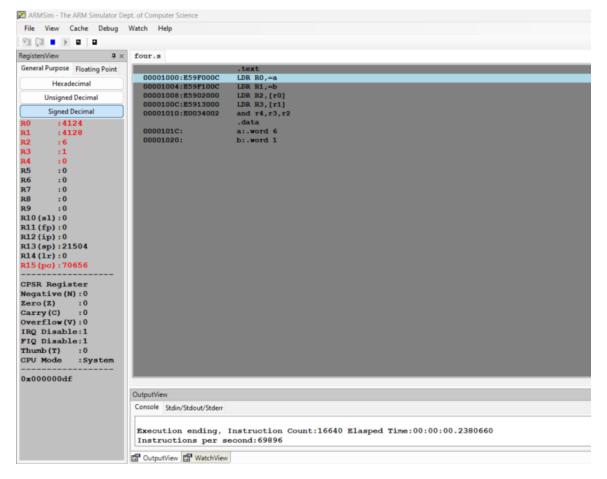
.text
LDR R0,=a
LDR R1,=b
LDR R2,=c
LDR R3,=d
LDR R5,[r0]
LDR R6,[r1]
LDR R6,[r1]
LDR R7,[r2]
LDR R8,[r3]
LDR R9,[r4]
add r10,r10,r7
add r10,r10,r8
add r10,r10,r8
add r10,r10,r9
.data
a:.word 5
b:.word 12
c:.word 12
d:.word 12
e:.word 12
```



```
*four - Notepad

File Edit View

.text
LDR R0,=a
LDR R1,=b
LDR R2,[r0]
LDR R3,[r1]
and r4,r3,r2
.data
a:.word 6
b:.word 1
```



```
File Edit View

.text
LDR R0,=a
LDR R1,=b
LDR R2,[r0]
LDR R3,[r1]
andeq r4,r3,r2
subne r5,r2,r3
.data
a:.word 1
b:.word 1
```

