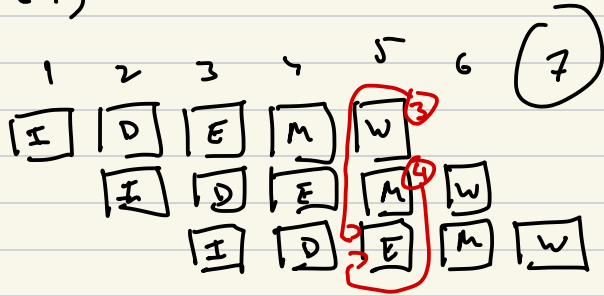


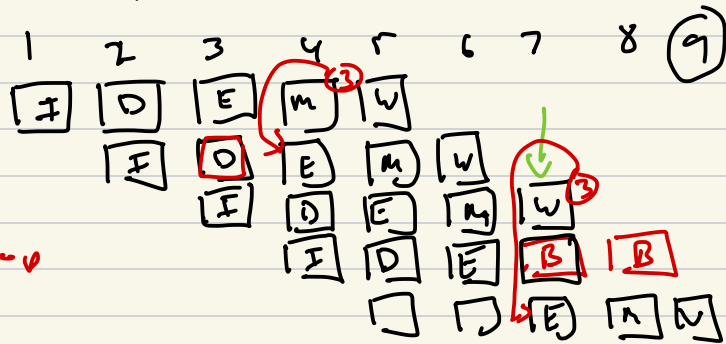
Question 7 part (4)

```
addi a1, zero, 3
addi a2, zero, 4
add a0, a1, a2
```



Question 7 parts (6-9)

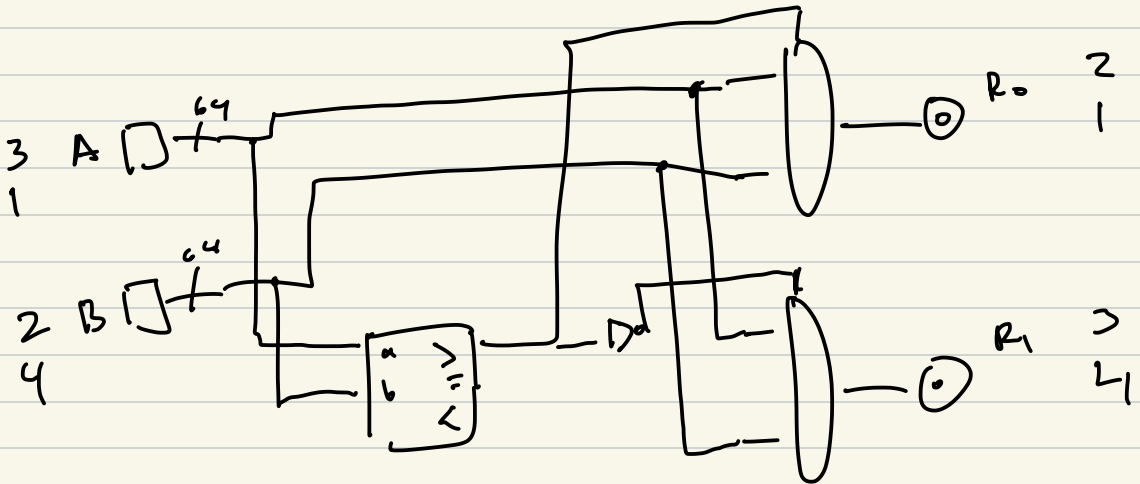
```
addi a1, zero, 3
sd a1, 0(zero)
ld a2, 0(zero)
add a0, a2, a2 → n-v
add a0, a2, a2
```



Question 2

a	b	c	xor3
0	0	0	0
0	0	1	1
0	1	0	1
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	1

Question 4



Question 6

$$\underline{2^7 \cdot 8}$$

8 bytes per element

7

$$2^7 \cdot 8 \text{ bytes}$$

$$2^7 \cdot 2^3 = 2^{10} = \underbrace{(1024)}_{\text{bytes}}$$

$$128 \cdot 8 =$$