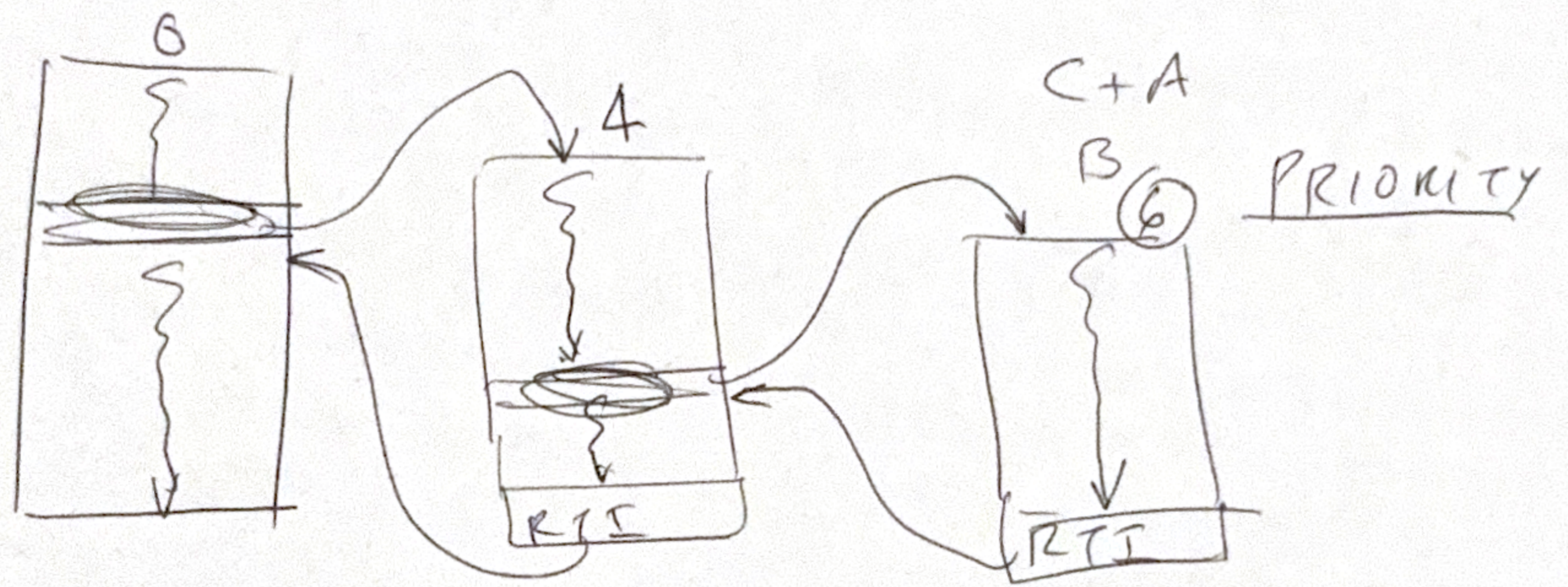
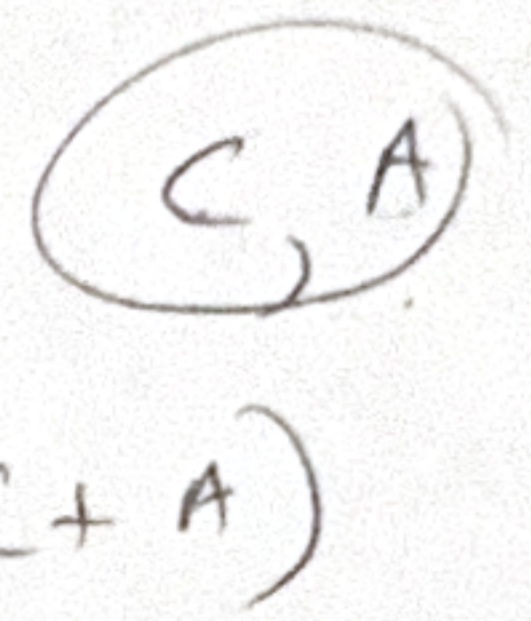
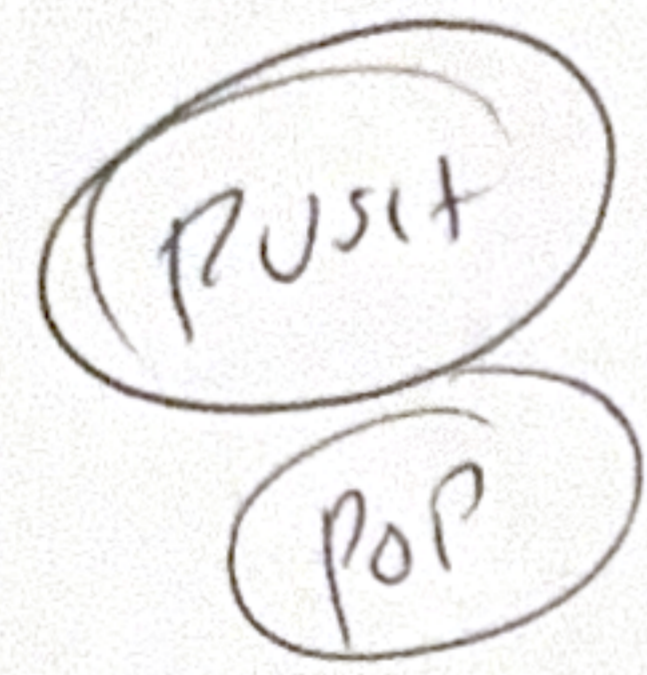
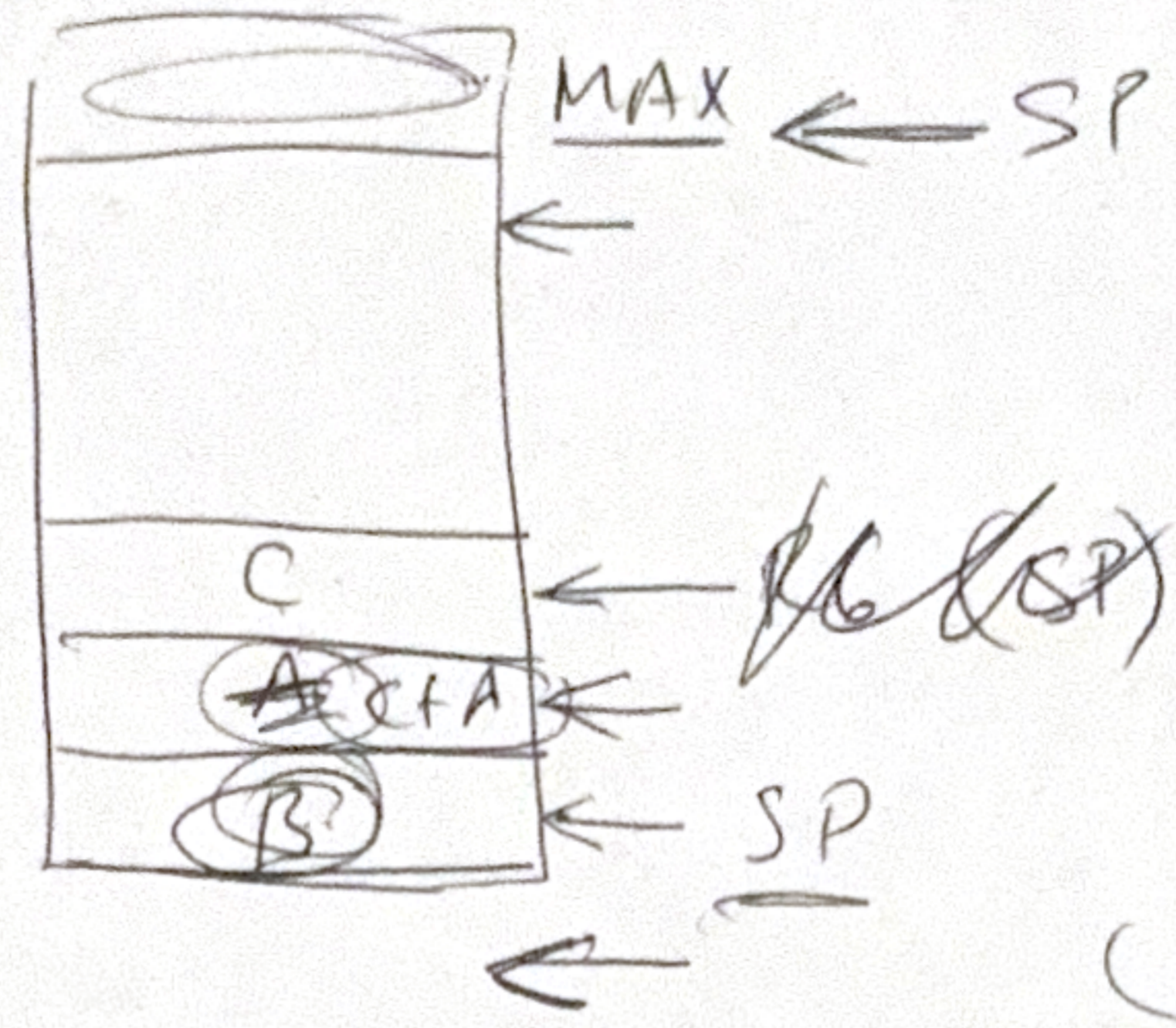
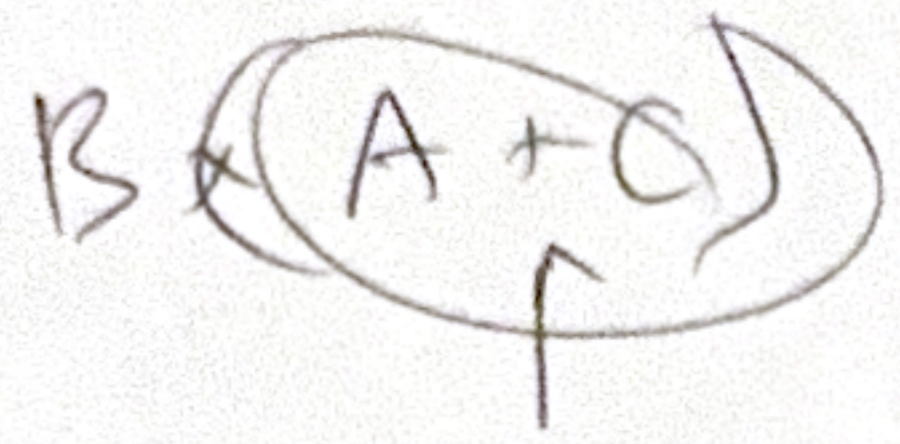
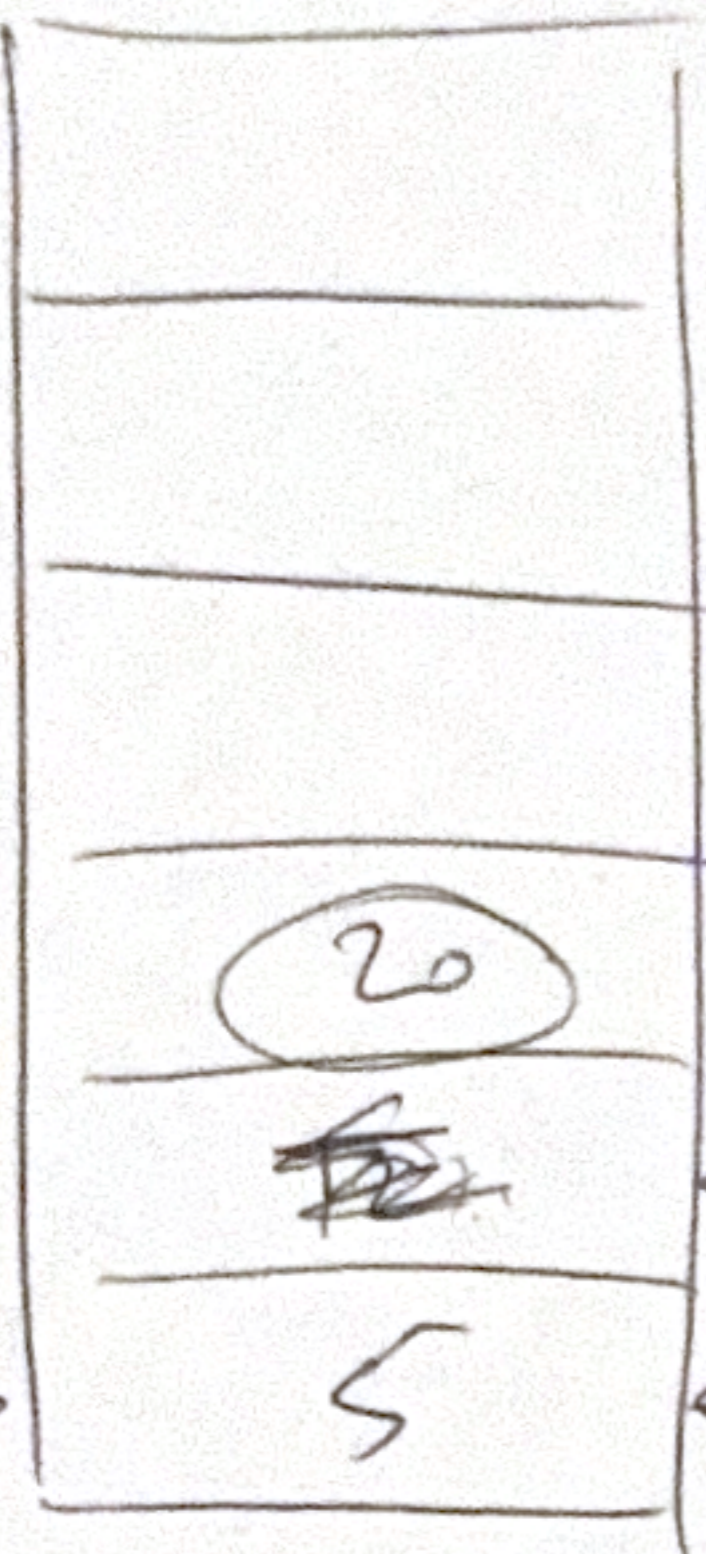


①



FDFA

TOP



```

R6 ← R6 - 1
M[R6] ← R0

```

```

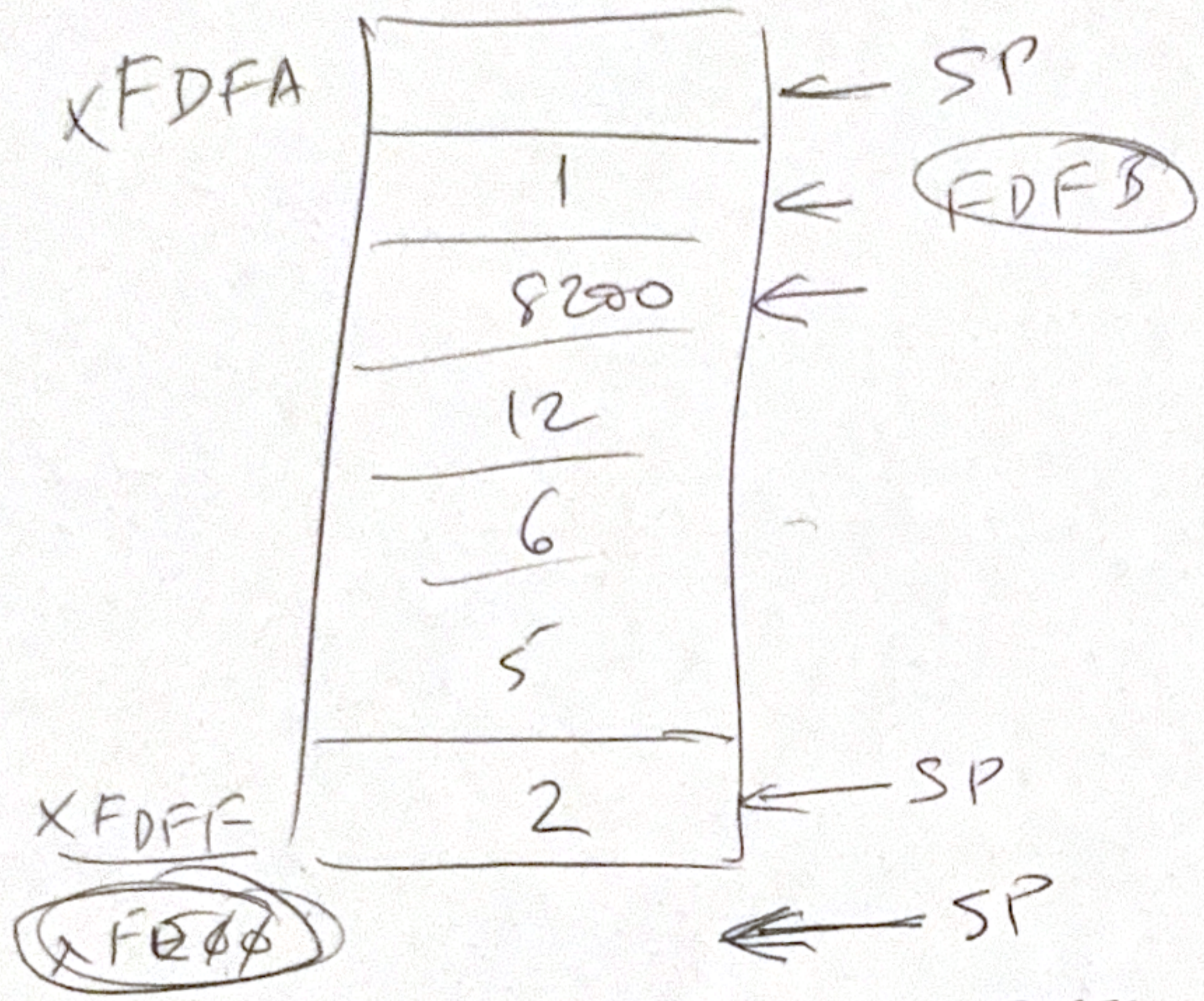
ADD R6, R6, #-1
STR R0, R6, #0

```

256

XFFFF

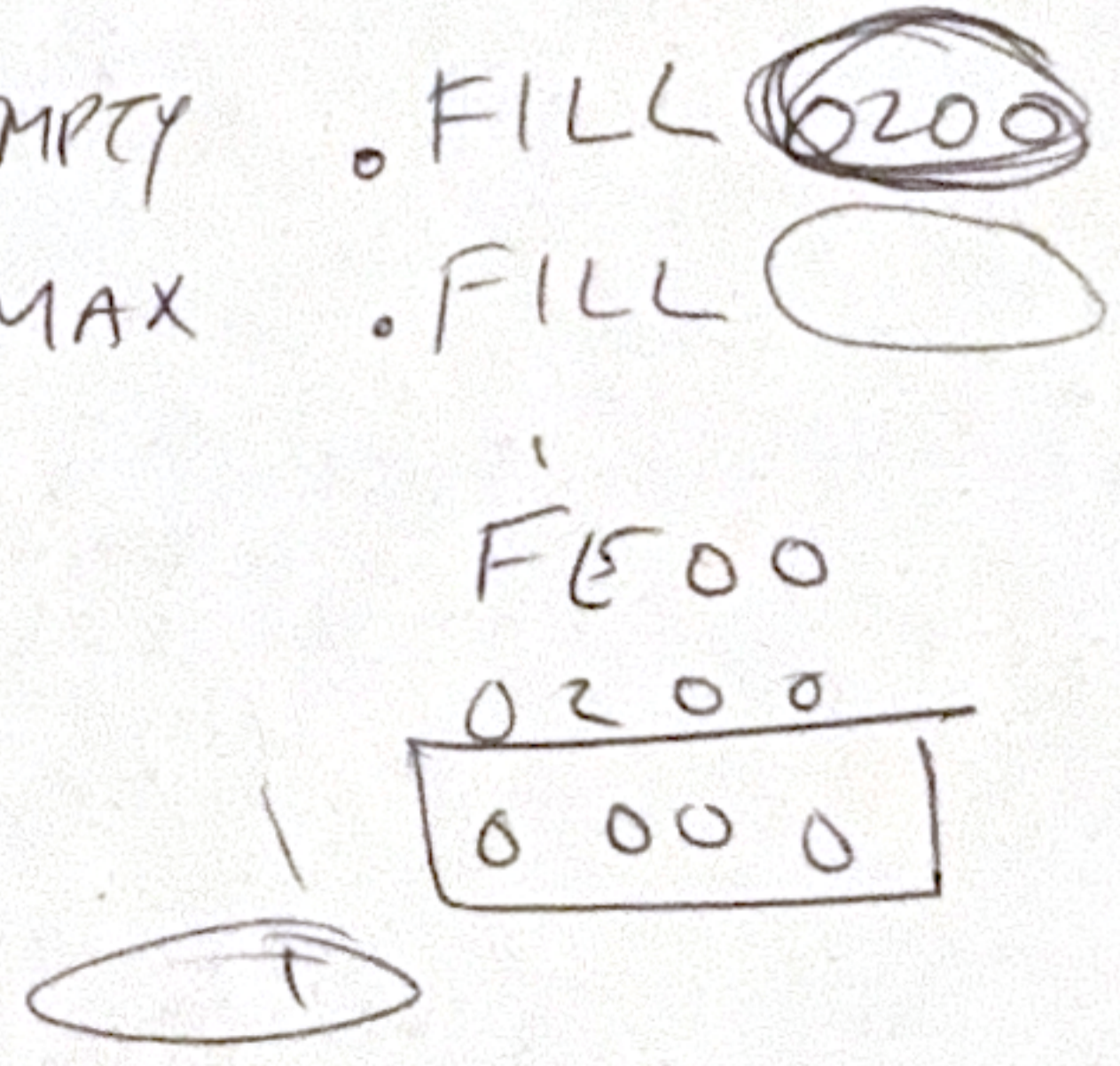
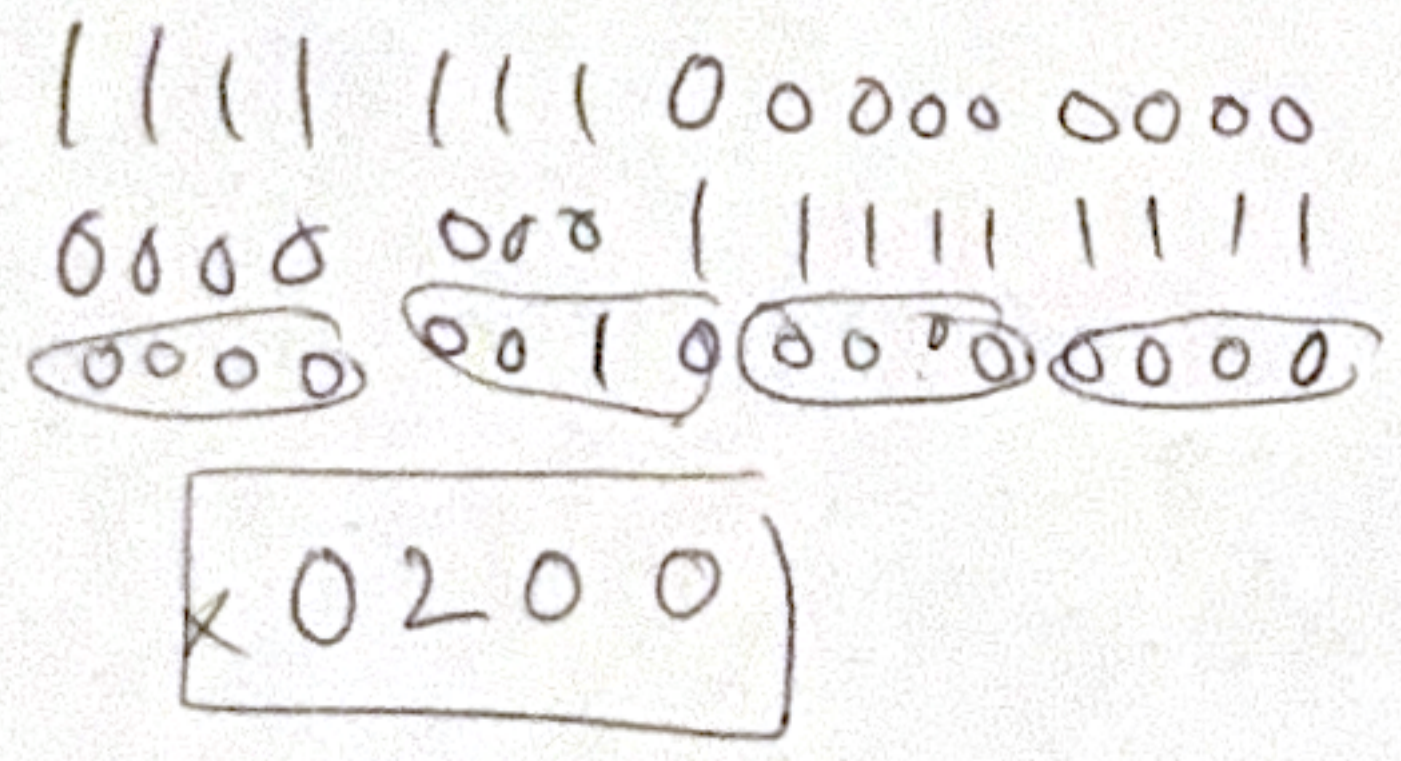
10/27/25
 ③



```
LD R4, EMPTY
ADD R4, R4, R6
BRZ FAILURE
→
```

```
Rφ
LDR Rφ, R6, #φ
ADD R6, R6, #1
```

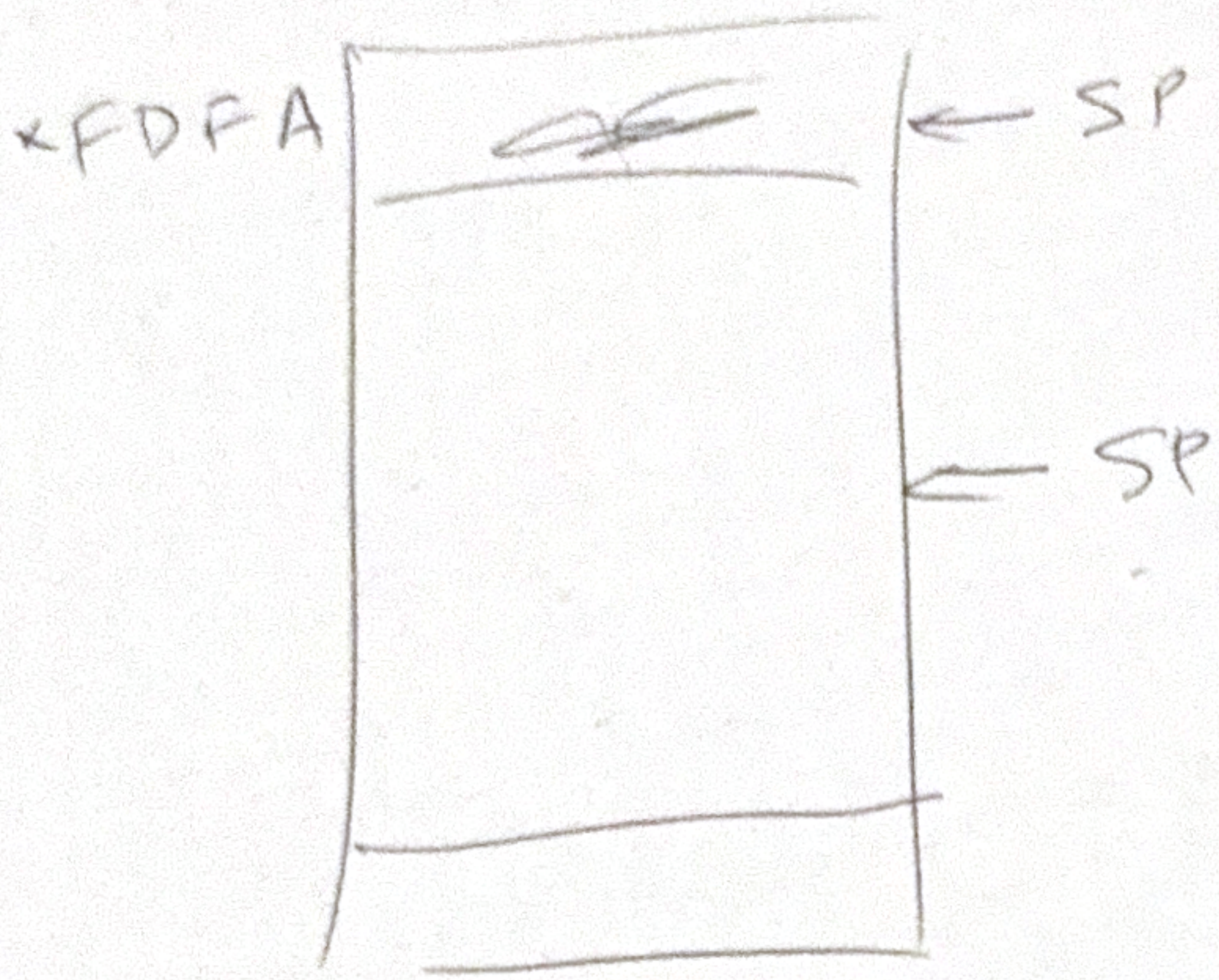
EMPTY • FILL 0200
 MAX • FILL



```

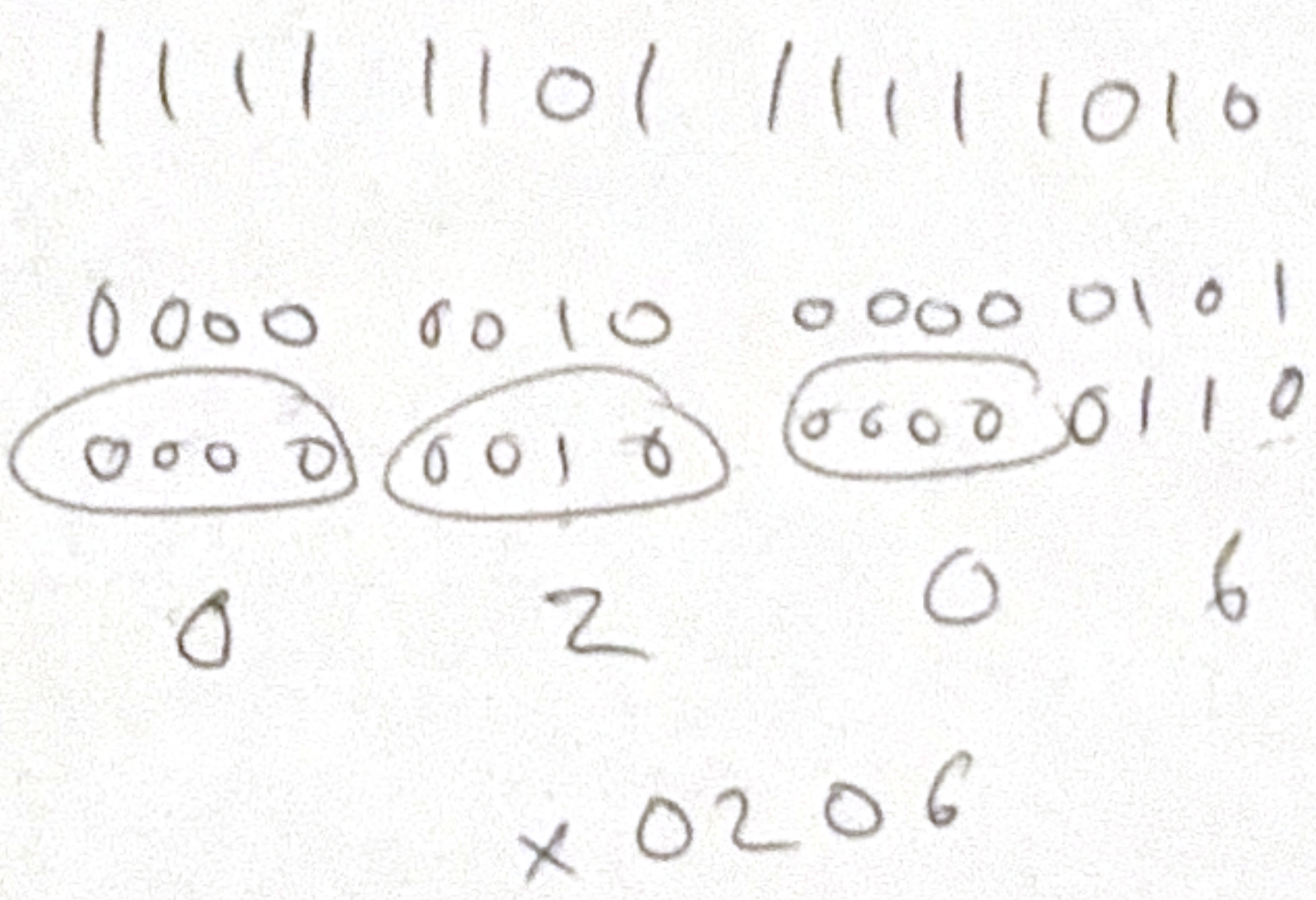
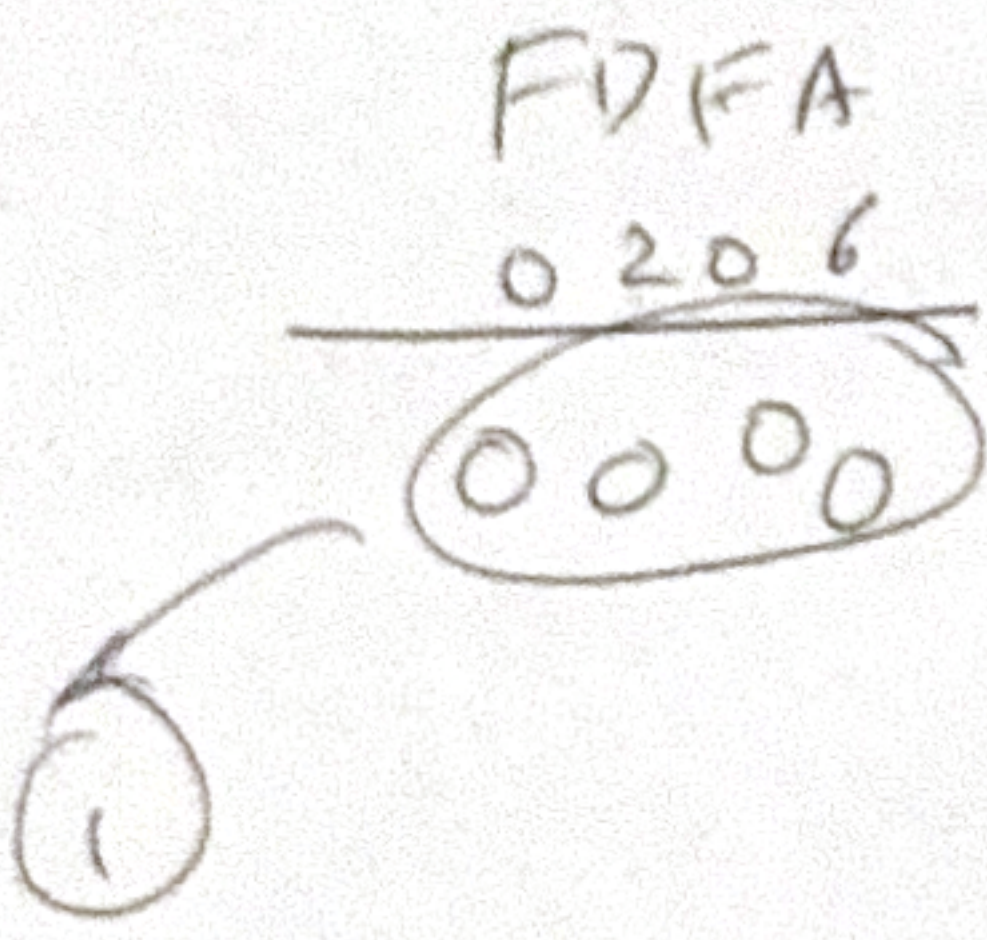
LD R4, MAX ; 0000
                x0206
ADD R4, R4, R6
BRZ FAILURE

```

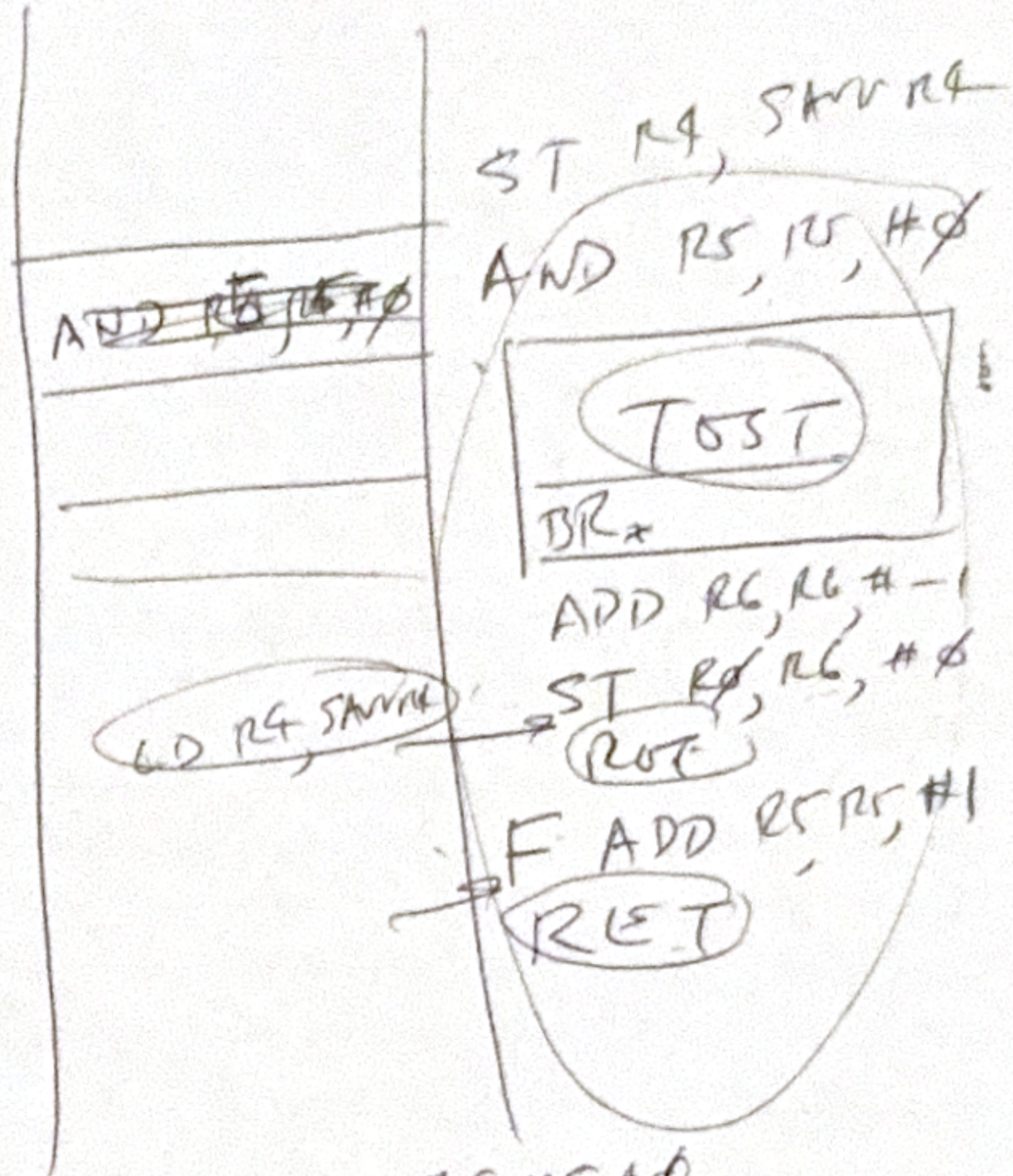
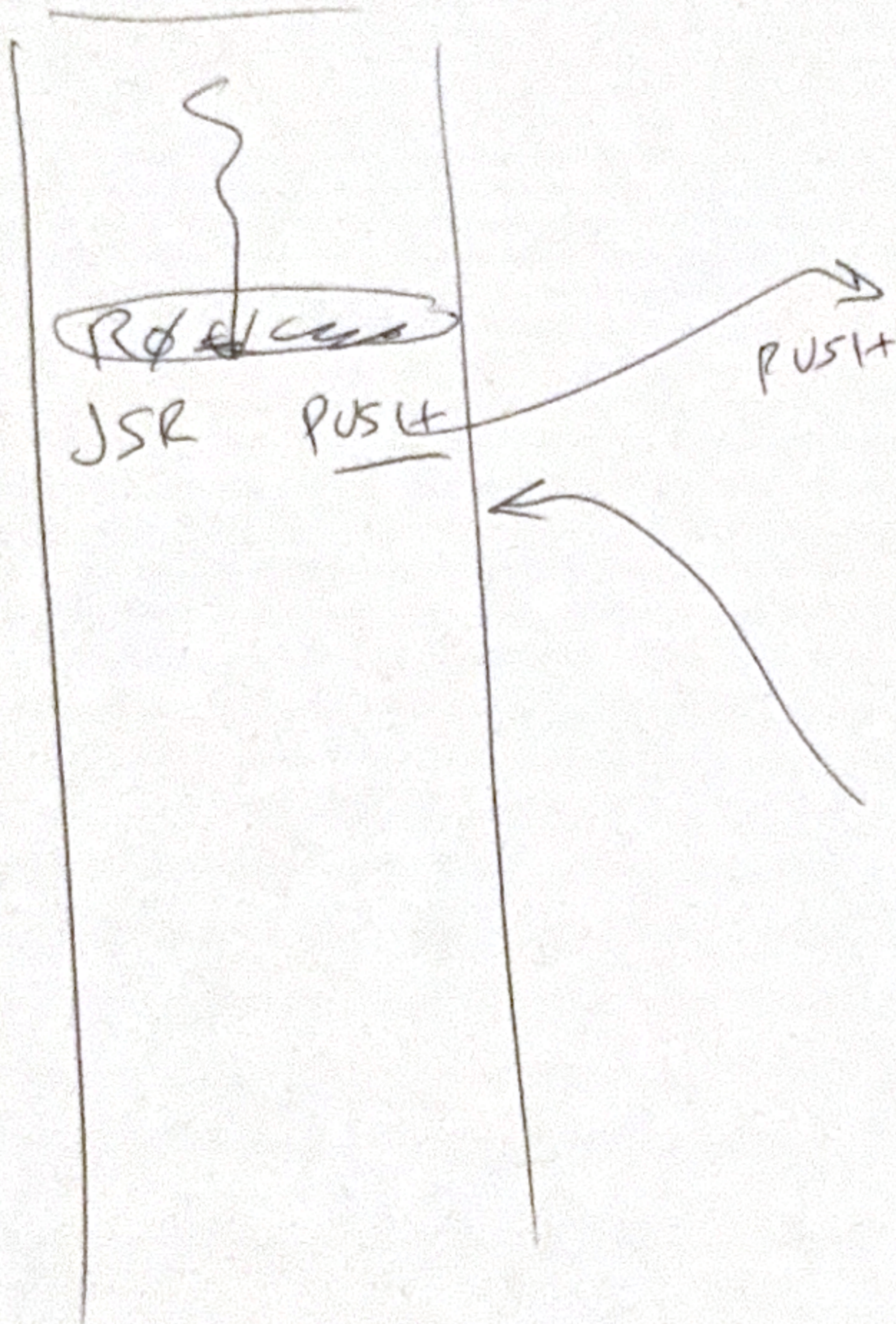


MAX .FILL (x0206)

(~~FDFA~~) →



⑤



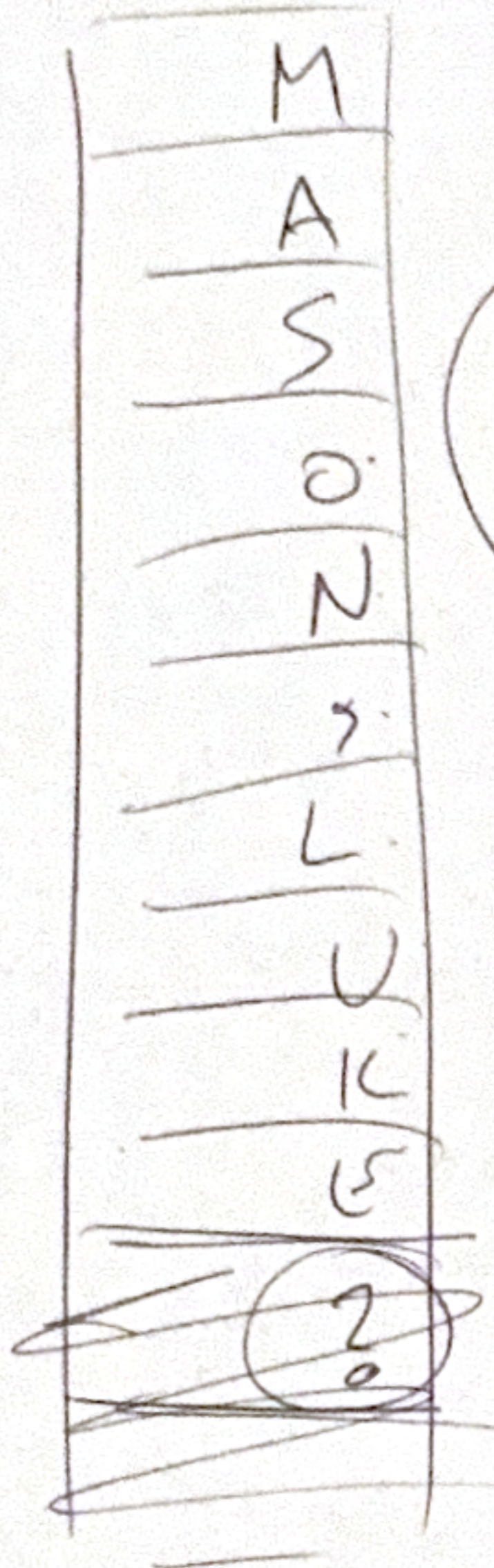
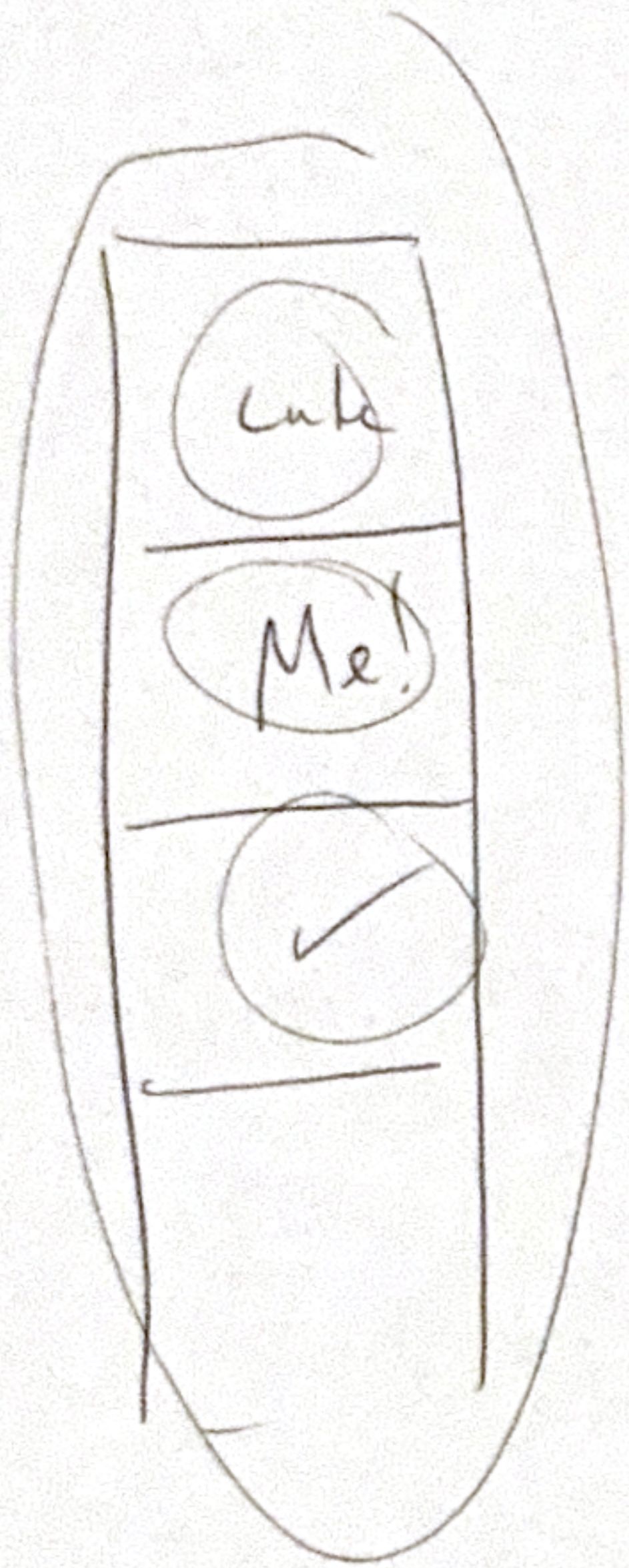
```

AND R5, R5, #0
LD R4, MAX
ADD R4, R4, R6
BRz FAILURE
ADD R6, R6, #-1
ST R4, R6, #0
ROT

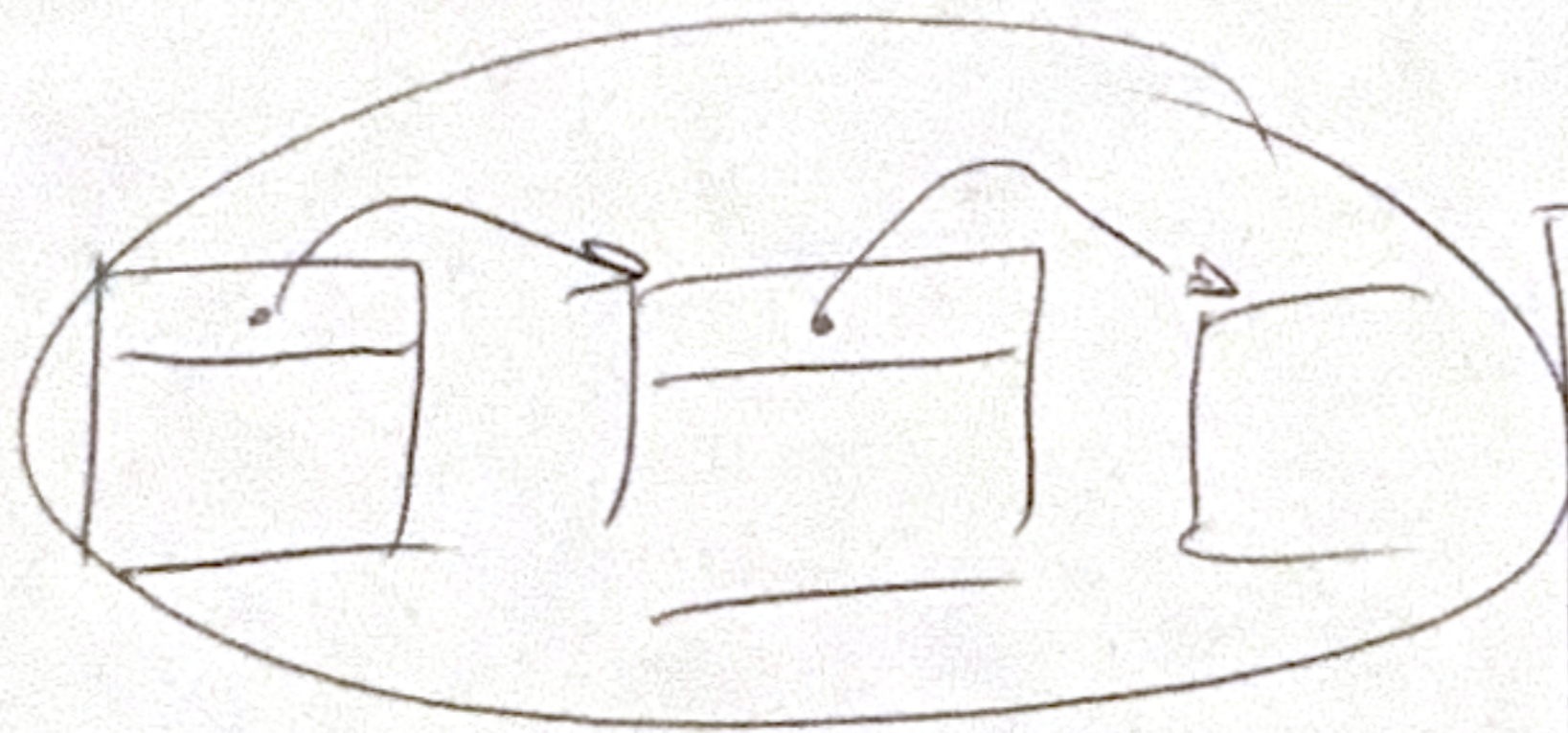
```

10/27/25

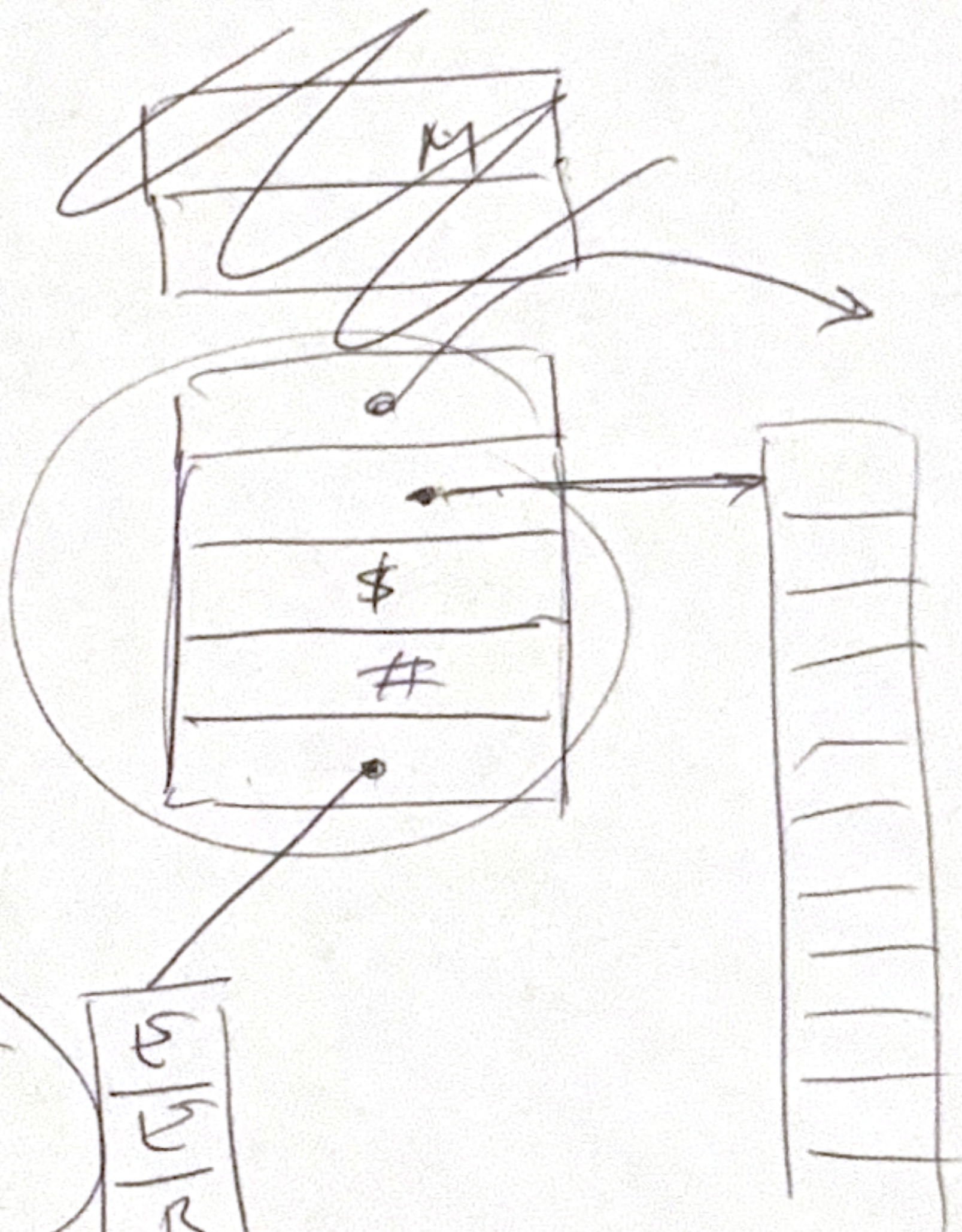
6



Character String

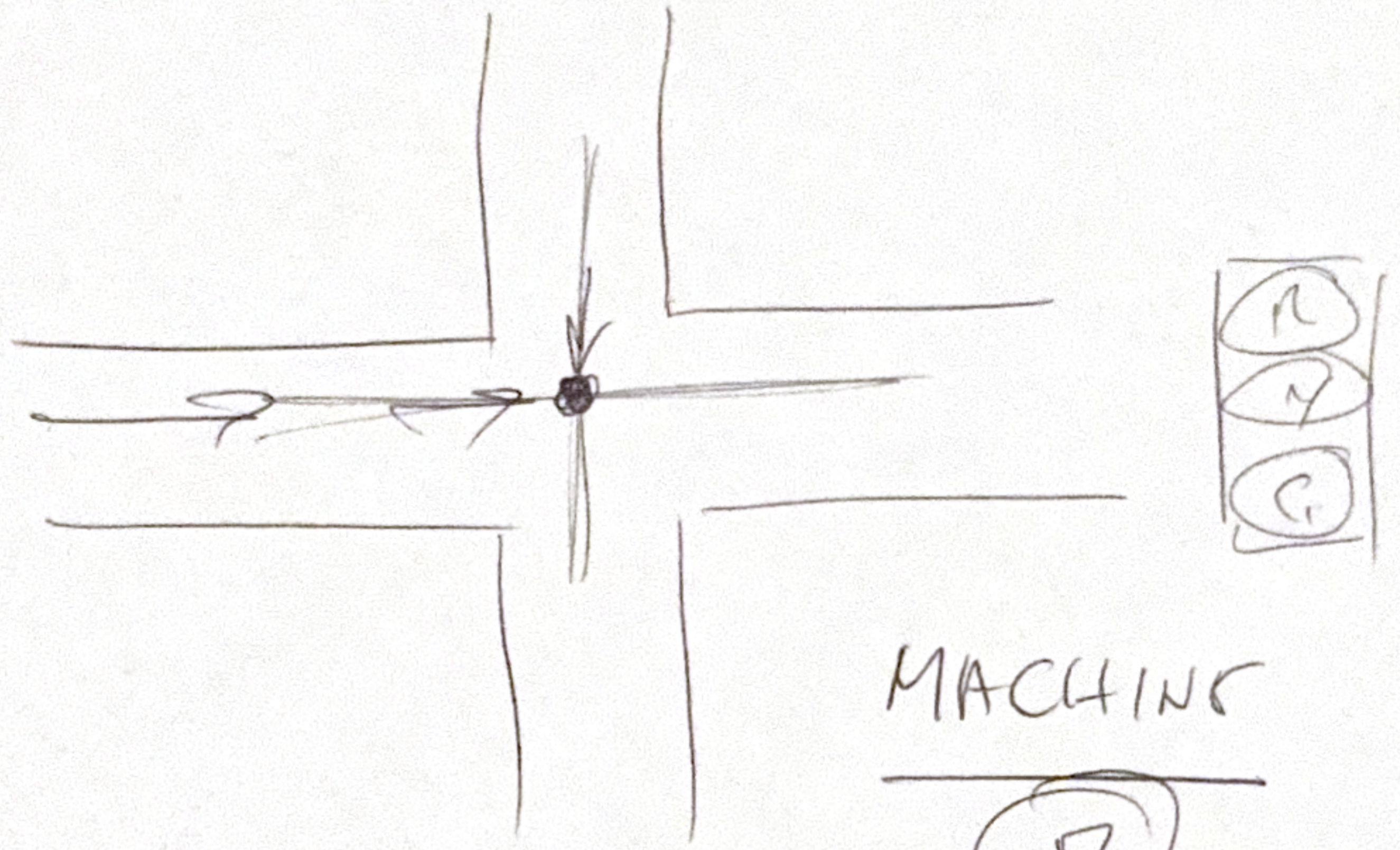


5 | 4 | 3 | 2 | 1



10/27/29

(7)



MACHINE

7