

SU13 QA [123] - [133]

[123] Review

[124] Review

[125] Mention briefly

[132]

assembly

addresses registers

\$zero

\$v0

\$v1

\$a0

...

000000

0

000001

1

00010

2

00011

3

00100

4

RF



...

11111

31



binary

denary

[132]

← w = 5 →

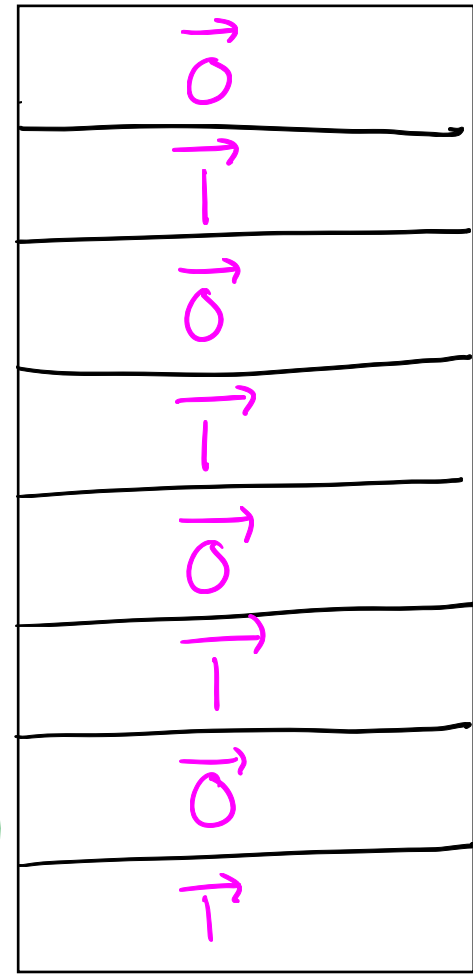
mm

width

← W = 8 → [131]

60
61
62
63

64
65
66
67



circle
ALLIGNED
word
location
addresses
[131]

cells

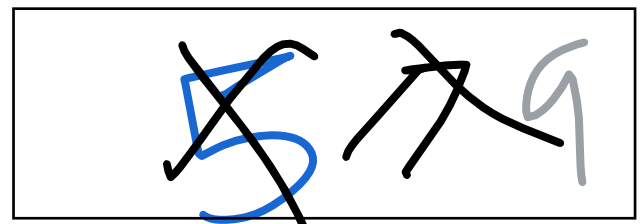
Contents of WL 63 =

1 0 1 0

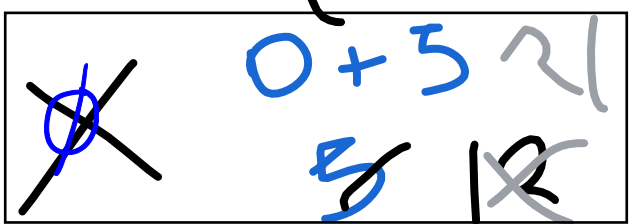
[133] `load <dest> <source>`
`store <dest> <source>`
`add <dest> <source12
mult <dest> <source12`

CPU - RF

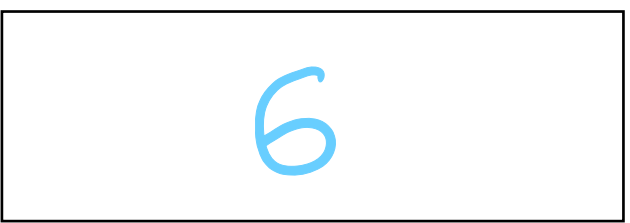
l



s



r



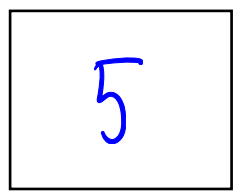
p



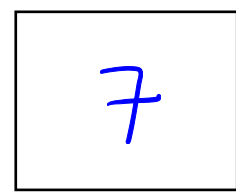
`load l x`
`add s s l`
`load l y`
`add l z`
`add s s l`
`store u s`
`mult p s r`
`store z p`

mm

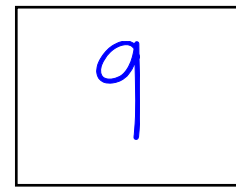
x



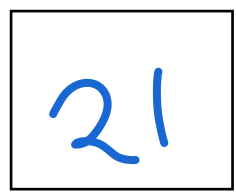
y



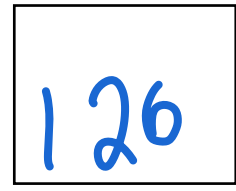
z



u



v



Write a program to use, and compute

Sum 21

Sum * 6
126