

SU14 QA [134] - [136]

BE/LE Review for MIPS: ①

words in (MM)

BE 64 A | B | C | D

BE 68 E | F | G | H

⋮

LE* 100 I | J | K | L

What are A to L?
One word answer

cells in (MM)

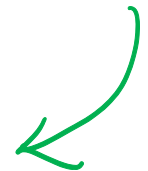
64

68

⋮

100

Write
in
the
contents



* ONLY
FOR THIS
QUIZ !

[135]

[136]

BRA ins 6

②

36 if A = C then L

40 <instruction> Branch

L 44 <instruction'>

label

registers

If !A =

4 7
4 8

i ii

what is the new value of PC
when the Branch executes?

PC

i

PC

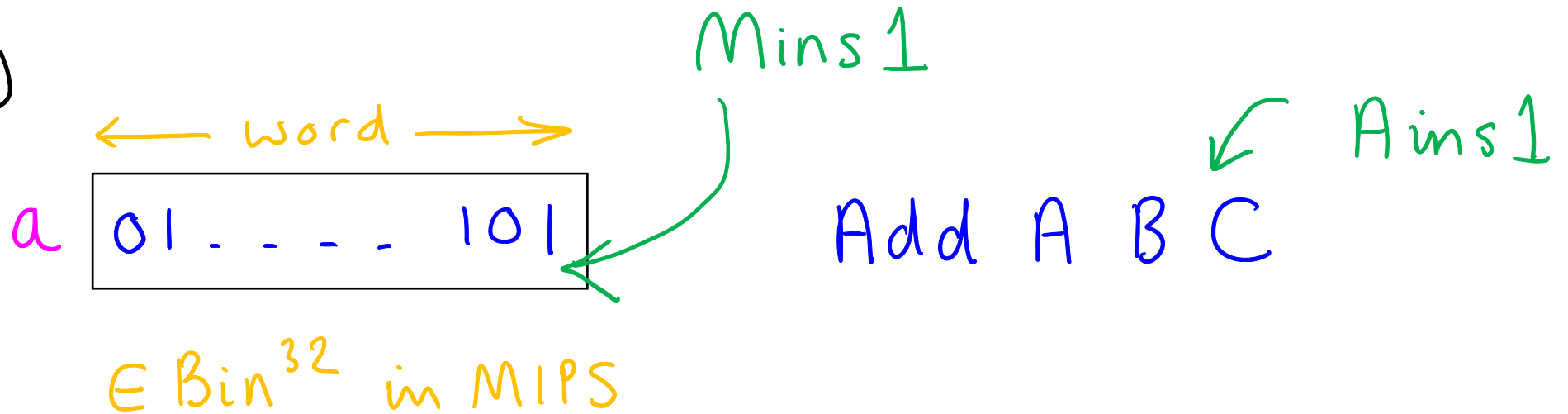
ii

contents
value (of register)

[65] [69] Review

③

[136]



Point out address error in the video ▽

Review slide [136] dynamically ...

*
forwards

24

ins

28

ins

32

IF A ≤ 8 THEN

Ⓛ

36

ins

40

ins

Ⓛ ↓

44

ins

Ⓛ forwards* OR backwards from branch

non branch instructions

made
precise
later
on...

branch

! A = 12

8

3

⇒ PC =

⇒ PC =

⇒ PC =