\$t0,\$50,2 # \$t0=f*4

add \$40, 626, 840 # \$40 = 8/A[f]

SI St1, Is1, 2 # St1 = 9x4

add \$21, \$57, \$51 # \$41 = &B[9]

lus \$50,0(\$t0) # f = A[f]

addi \$t2,\$t0,8 # \$t2 = &AB]+8 = &A[f+2]

lu \$60,0(\$62) # \$60 = A[f2]

add \$60,\$60,\$50 # 180 - A[F12] +A[F]

SW \$t0,0(1E1) # B[0] = A[f2] + A[f]

B[9] = A[F+2] +A[F]

+15

(4 H)

2.10.1 add \$60, \$50, \$51

\$40 = 0x80000000 + 0xD0000000

= 0x50000000

Ovaffor

124, Oct , 00t dus

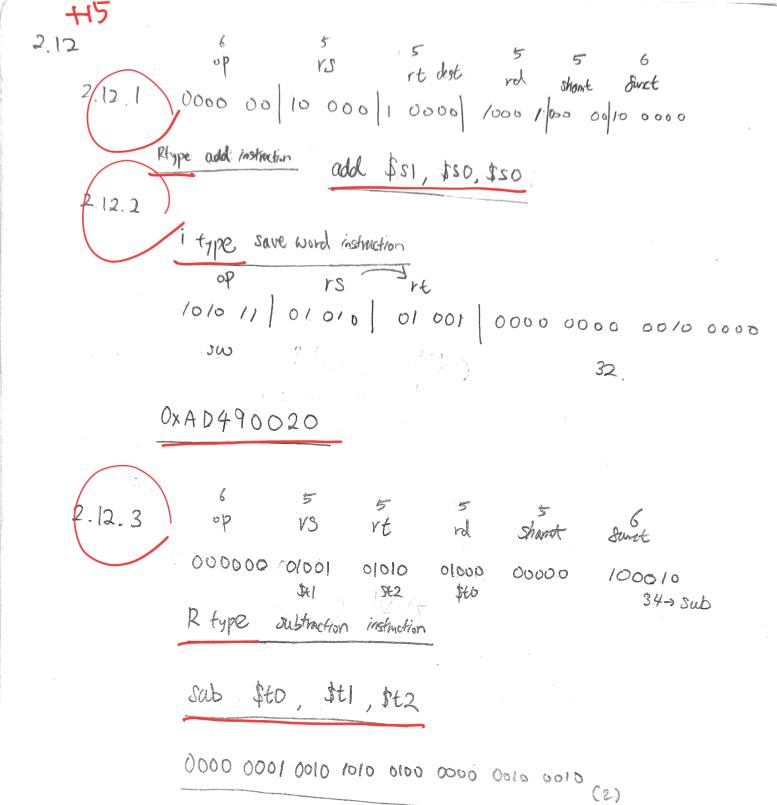
\$60 = 0x80000000 - 0x00000000

= 0x B0000000

2.10.4 no overflow 1000 0000

+ 0011 00 00

0000



) SII \$62, \$60, 4 \$t2 = \$t0<<4 \$t2 = 0xBBBBBBBBBB

2) or \$42, \$2, \$1 \$2=\$2 = \$1 \$1 \$12 = 0xBBBFFFFF8

11) sit \$2, \$0, \$0 \$2=1

2) bne \$£2, \$0, EISE \$£2(2) \$\neq 0.

3) Else add; \$2,\$2,2 \$2=1+2=3

4) DONE

SE2 = 3

+8 2.22

2.22.1

0000000x

24(2-1)

0d00000000 ~ Ox 1 FFFFFE

first 45% of PC

last 2615 one O

= 0x10000000 ~ 0x1FFFFFFC

0x10000000

(-2) 4 ~ 0x10000000 ~ (2¹⁵-1) 4 offset 4

(-2) 4+4~ 0x10000000 ~ (215-1) 4+4 PC is added 4 before jump

0x10000000 - 25.4+4 ~ 0x10000000 + 25.4 -4+4

= 0x10000000 - 0x000/FFFC ~ 0x10000000 + 0x000/FFFE

= 0x0FFE0004 ~ 0x1001FFFF

2.24

2.24.1) 5N+2

(24.2) (5) = A (5) = B (5) = i (5) =

B += 3;

_

2000 c