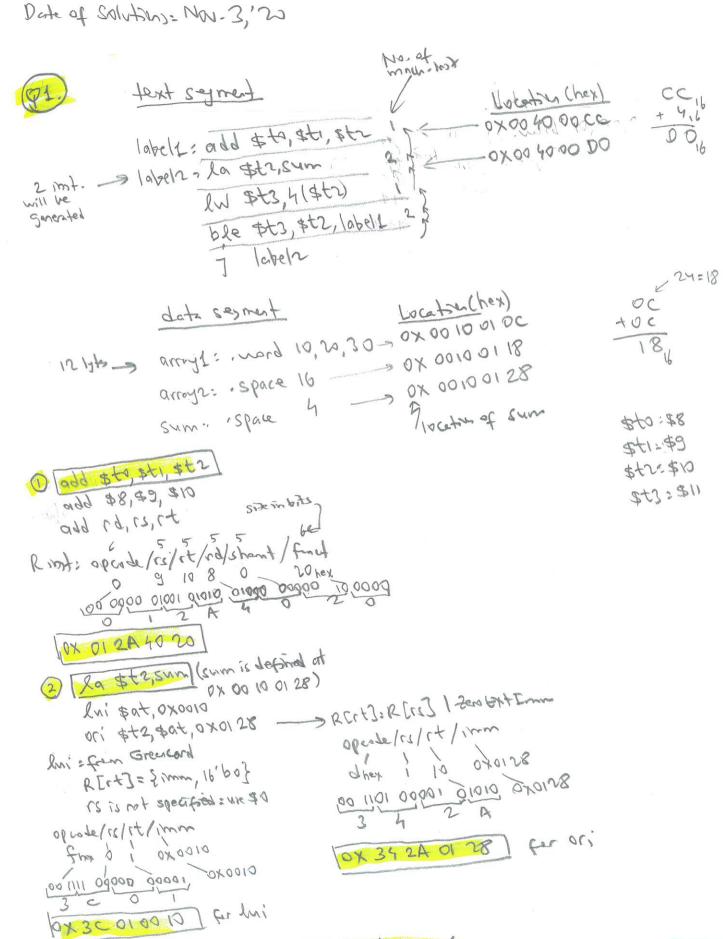
CS224
Fall 2020
Quit No.2
Date Quit Gricn: Oct. 21, 20
Date of Solution: Nov. 3, 20



Quis 2/10f6



3 [lw \$t3,4(\$tr) lu \$11, 4(\$10)

lw rt, 4(15)

lu: oprode/12/1t/1mm 23 hex 10 11. 0x0004 110 0011 01010 01011, 0x0004

0x80480004 for lu

1 latter

label 2 = 0x 00 40 00 DO festered in limit ?

> j lakel2 00 00 00 00 DD 00 0010 0000 0100 0000 0000 0000 1101 00

0x 08 10 00 34

(4) ble \$t3, \$t2, label 1 (\$t3 (=\$t2) = (\$t3 MO\$ > \$t0) not (\$t3>\$t2) not (\$t2<\$t3)

not (\$10 (\$11)

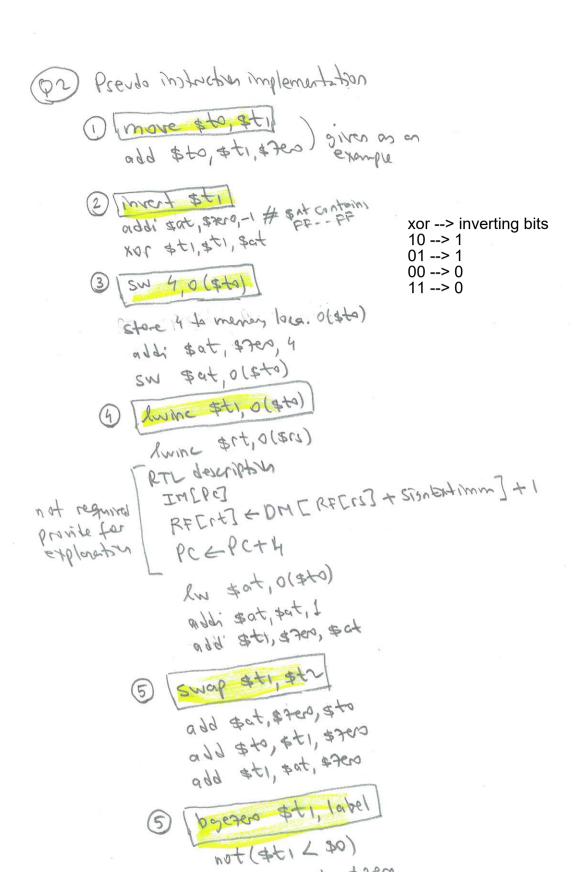
SAE \$0+, \$10, \$11 beg \$ at, \$ zero, label1

SST 404 \$10 \$11 SST \$1, \$10, \$11 oprofe/12/4/19/24 00 0000 01010 01011 00000 00000 10 1010

0x 01 48 082A | for set

beg \$ at, \$ zero, lakely back beg \$1,\$0,-6 beg 11,1+,-6 -6>0110 opende/es/et/mm 1001 00 0100 09001 00000 OXFF FA 0 X 10 20 FF FA

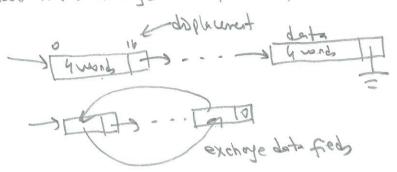
Puit 2/2016



Slt sat, st1, seen

beg gat, & zeo, label

-muled lot: exchange data fields of head and teil mades.



Herershy begin

Supplescon

Frebu

PlaexchangeHealTail Pr. Find Tail P3: Swap Data Field : most Iganz: #1

tal bedard set of exprises cop of the war today Return address of toil role in \$40, head role 1 and in \$90 Surp data fields of rades pointed by \$00 and \$91 Swap tre contents of two words pointed by \$00 misal

exchange Head Tail:

add \$50, \$50, -12 SW \$50,8(\$SA) SW \$51,41\$6P) 2m \$ co, o(trb)

Save 4004 Struk

beg \$00,4700, done 1 move \$50, \$90 jal find Tail

list of chilog: ove # more \$51,940

550: head, \$612 toil postoser

if only one note: done beg \$50, \$51, danes

099 800 8360 270 122, ast \$1102 660

jal swoplata Finds

gover: (M & bo 0/2018) restore rapiesof (1281, 4/46P) \$00,951, (pel 3,000 mg 270 ten add \$50, \$60, 12] Stack 71 \$19

and Tail:

8-1924 STE 976 SN \$20, 4/42P) (822)0,12\$ NZ move \$60, \$00 Lu \$51,\$16 (\$50)

\$30: Curent points 16 byte # \$51: rest positer

SeekNext:

beg \$61,\$700, dine2 add \$18,4700,961 lu \$61, 16 (461)

y seek Next

noplatatield. 0991876 -A 792 Supstern 217. \$ W \$ W, addi \$ 91, \$ 91, 4 jal swep Etern add: \$00,\$90,4 997 \$01,991,4 Jal sugliter 9 99 \$ 90 \$ 400, 4 922; \$01,991, 4 Jal swap Item

4,922 \$18,918,4 71 \$1a gover : 19 210, 2300, 280

(gst)0,0(\$sp)

add: 256,218,8 21 DE

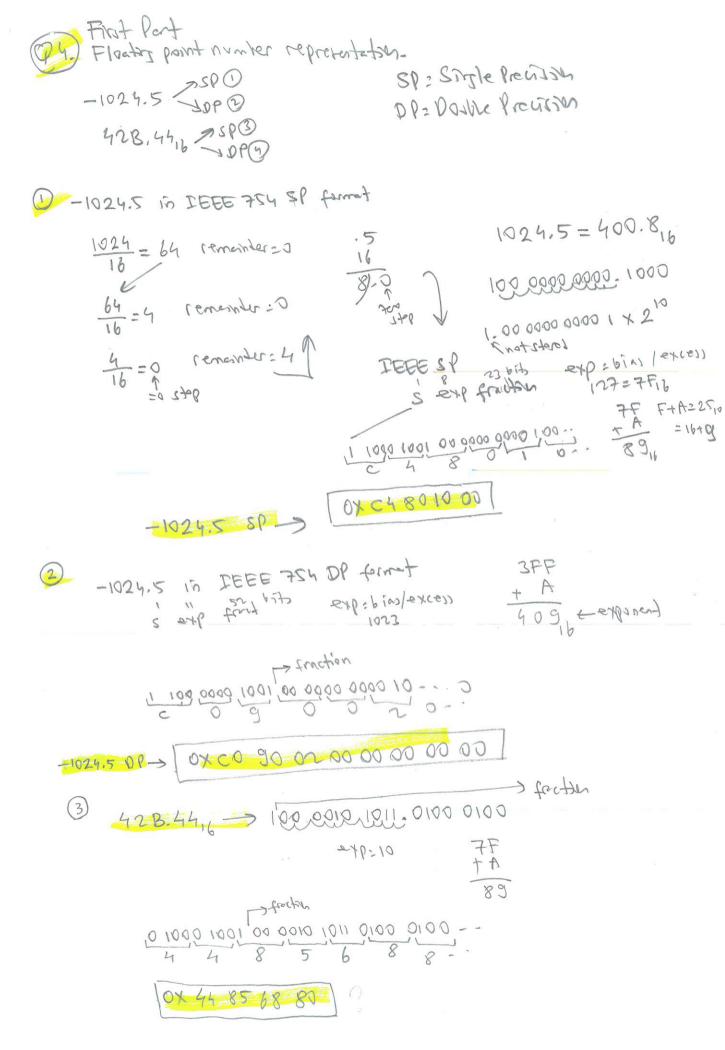
lu & SI,0 (\$10)

li \$10,4(\$18)

sup Iten (cont) (Ph) Swap Item: (\$21, 12 (\$5p) agg. 356,256,+8 In \$50,4(\$6p) (922) \$,628 WZ 8,922,922 160 SW 351, 0166P)] In \$50,0(\$90) Jr \$100 exchange lu \$61,0(\$91) 2 nem. SW \$80,0(\$01) policed spron SM \$51,0 (490) by span and

Qin 2/4 of 6

100



428.44 in down painter 3 FFA 0x40 90 AD 10 00 00 00 00 Chal Second Point SQ. -> 0×42 84 40 00 -> Dec? (1011 010.0010 5 A. 216 = 5x16 + 10x16 + 2x16-1 0x405F7000 -- Sexp fort 0100 0000 0101 1111 0111 405, exo 405, exp -3FF biss 006 Represt 1111101.112 1100--> C 70.016 7x6+13x16+12x16-1 193.75

Quit 2/6 of 6