EC 605 Homework 3

Simin Zhai

add x5, x7, x1

5) ldur 70, [76, 16]

C) Sub 76, 75, 711
Cbz 76, 75, 711

d) LSR 7110, x9, #15

2. a) STUR opcode : 111110000000 = (700) Hex.

0x 7008019 0x F-8420149

b) addi opcode: 1001000100

0×91002009

add To, Xo. Xo.

CBZ. X20, EEEF. 0X8B5A

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4. 00 Isl 212, x10, 4
     OFF X12, X12, X11
      X12 = 0X1234567ABABEFEF8
   b) | sr x12, x10, 3
                    andi X12, X12. OXFEF = OxFEF =
                                       (11111110111) B.
          X12 = 07/6/5 5 55545
    \alpha) f = g + (h-5);
       subi x2, 72, #5
      add 20, 7, 7/2 1/5=9+ch-5)
     b) B[8] = A[i-j]
       assume i in 703
       assume j in X204
       autume de in 76. Jub 200 188, xxx, xxx 1/4=i-3
       assume &B in 1/7
      USL XII, X 3, A # 3 11 X 11 = (i-x 8.
      add x12, x18, x11 11 x12 = address of ATill.
       Ldur X13, [X12,0] /(X13=A[i-j]
      Cdw X9, [X7.8] 11X9=BZ8]
rightac + addi x9, x13, #0 11 BIBJ= AZI-j)
    c). if cf == g) i = i+1 else i=i+2 sub subme f in. \gamma_0 change g in \gamma_1
                           Sub 710, 71, 70 11710=71-70
                           CHANZ 74 / EEUSE.
                          addi 713, 713, #1 1/1=i+1.
         assume i in. 2/3.
                           b & ENV
                      ELSE: addi x7, x3, #82 11 i=i+2.
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END: