

CS613 Spring 2012 Homework 2 answers

1. sll \$t0, \$s1, 2 # \$t0 = 4C
 add \$t0, \$t0, \$s0 # \$t0 = address of B + 4C
 lw \$s2, 0(\$t0) # A = B[C]
 addi \$s2, \$s2, 5 # A = B[C] + 5

2. in hex:

 | 00 | 11 | 00 | 08 | 00 | 20 |

3. in hex:

 | 08 | 12 | 11 | FFEA |