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CMPEN 331

LAB 2

9/20/2020

# Question and Answers:

1. When you run the previous program, what is printed?
   1. It prints the following statement: The sum squares from 0 .. 100 is: 338350
2. What is the value in register $t7 (in decimal) when the program ends?
   1. Register $t7’s value at the end of the program is 10,000 or 2710 in hexadecimal.
3. Which registers have changed as a result of executing that one instruction?
   1. pc is the only register to change when executing that one instruction after the breakpoint. Pc, $at, $t0 are the only registers to change after one run of loop. Moving to the second loop, then $t6, $t7, lo, $t9 join in in also being change per loop. At the third loop $t8 is the last register to be added in the loop and changing with the others. This continues all the way to the end of the program. The last two registers to change occur after the loop is done, $v0 and $ra.