**CSCI110 - Introduction to Computer Science**

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**Assignment:** Lab 1

1. A) Multiply ‘a’ and ‘x’, then add the result to ‘b‘

B)Add ‘w’ and ‘x’ & add ‘y’ and ‘z’, then add both results together to get ‘w+x+y+z’. Multiply ‘w+x+y+z ‘ and ‘¼’ to get the average

C)Multiply ‘a’ and ‘a’ and multiply ‘a’ and ‘b’ to output ‘a^2’ and and ‘ab’. Multiply ‘ab’ and ‘2’ to output ‘2ab’/ add ‘a^2’ and ‘2ab’ to output ‘a^2 + 2ab’. Multiply ‘b’ and ‘b’ to get ‘b^2’. Add ‘b^2’ and ‘a^2 + 2ab’ to get ‘a^2 +2ab+b^2’

1. Both computers should be able to compute the same amount of problems, as the subtract operation could be emulated by using the negative operation on one of the digits that will be added.
2. J,E,G,I,H,C,B,A,D,F
3. aac, aabac, bac, babac