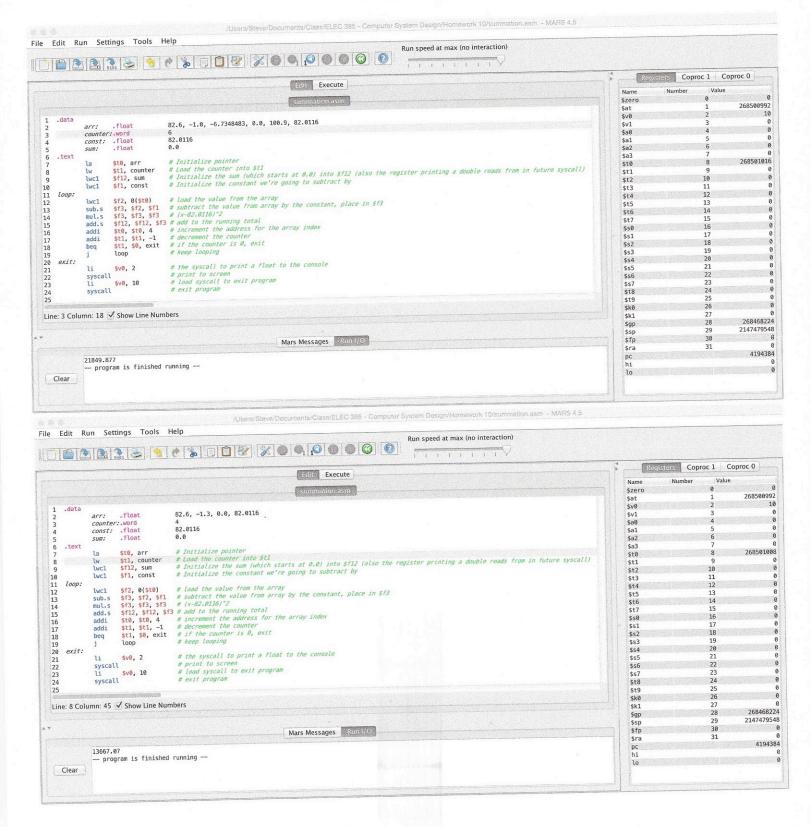
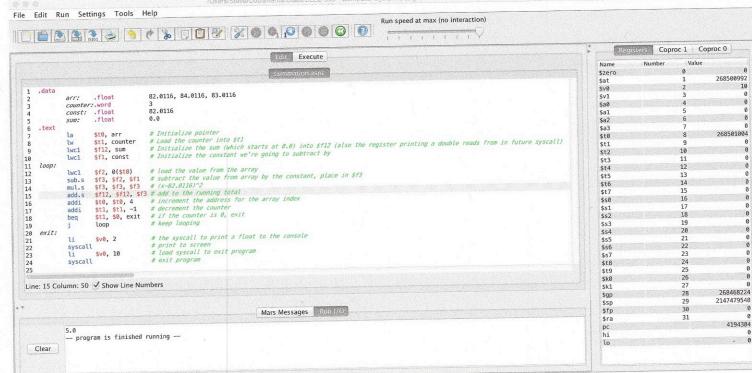
Steve Smith
ELEC 385, Section 1
Dr. Marino
27 March 2015

Homework #10





```
1) Hand calculated result:
 £ (K; -82.0116) Acray = {82.6, -1.0, -6.7348483,0.0, 100.9,82.0116}
         (82.6 - 82.016)^2 = 0.34621456
          (-1.0 - 82.0116)^2 = 6890.925735
       (-6.7348483 - 82.0116)^2 = 7875.932086
           (0.0 - 82.0116)^2 = 6725.902535
                              = 356.7716546
            (100.9-82.0116)
            (82.0116 - 82.0116)^2 = 0.0
                           E = 21,849.87823 & 21,849.877
                                                 I think my calculator has
  Easy Experiment:
                                                  higher precision (or is just doing
                                                    64-bit operations)
   E (Xi-82.0116)2 Array= (82.6,-1.3,0.0,82.0116)
        (82.6 - 82.0116)^2 = 0.34621456
        (-1.3 - 82.0116)^2 = 6940.822695
        (0.0-82.0116)^2 = 6725.902535
         (82.0116-82.0116)^{2} = 0

\xi = 13.667.07144
                                            ≈ 13,667.07
                                             {82.0116, 84.0116, 83.0116}
 Super-Easy Experiment the array was
           which comes out to 0^2 + 2^2 + 1^2 = 5 and the program got the exact same.
```

#2 1dc1, Constant > lui \$1,4097 Ide1 \$70,40(\$1) |ui \$1,0x00001001 = 00/11/1 0000 0000/ 0x/00/ opcode rs rt 0x3c011001 1dc1 \$40,0x00000038(\$1) *

110101 00001 000001

opiade 15 11t Ox D4200028 lwc1 \$\f2, 100(\$\chin\$\text{t1}) 110001 01001 00010 -0x (5220064 C10001 10001 11000 10110 10100 00001

Oprode fint ft fs Fd funct 0x4638B501