

Spring 2014 Section 4 COP 3223 Program #1 Grading Criteria

1 pt for each program for turning a non-empty .py file in

Coding Style Points (6 pts) – for all four programs, apply to each

Written in a separate file - 1 pt

Uses main function - 1 pt

Header comment - 1 pt

Internal comments - 1 pt

Declare constants (either beginning of main or before main) - 1 pt

Good variable names - 1 pt

Code Points (6 pts) – for all four programs

Reads in required data – 2 pts

Attempts calculations with data – 2 pts

Prints out some result – 2 pts

Test cases Part A (4 pts per case)

1) 10, 20, 225 (Answer = \$6250)

2) 1, 1, 1, (Answer = \$21)

Test cases Part B (4 pts per case)

1) 1, 1, 1 (Answer = \$28.62, don't worry about # of decimals)

2) 17, 13, 8.2 (Answer = \$6776.72, don't worry about # of decimals)

Test cases Part C (4 pts per case)

1) 1, 4, 6.5 (Answer = \$127.80, don't worry about # of decimals)

2) 4, 1, 6.5 (Answer = \$106.50, don't worry about # of decimals)

3) 6, 3, 7 (Answer = \$513.60, don't worry about # of decimals)

4) 3, 5, 5 (Answer = \$472.50, don't worry about # of decimals)

5) 75, 50, 8.5 (Answer = \$102532.50, don't worry about # of decimals)

Test cases Part D (4 pts per case)

1) 1, 1, 200, 6.5 (Answer = \$282.13, don't worry about # of decimals)

2) 4, 5 250, 7 (Answer = \$2541.48, don't worry about # of decimals)

3) 14, 23, 289, 8.25 (Answer = \$29327.43, don't worry about # of decimals)