

CS150 Assignment 2 Rubric

A Currency Converter

Name:

Grade: _____ / 25

Project on time (-10% per day late)

Electronic copy submitted (-70% if not)

Hard copy submitted (-30% if not)

Project builds without errors (-70% if no)

Project builds without warnings (-10% if no)

Successful Execution (70%, 17.5pts):

Outputs program title correctly (1 pts)

Output formatted correctly (4.5 pts)

Program inputs choices (E, P) correctly (2 pts)

Test 1:

500 Euros (\$640.00)

32 twenties, 0 tens, 0 fives, 0 ones

0 quarters, 0 dimes, 0 nickels, 0 pennies

(2 pts)

Test 2:

9852.45 British Pounds (\$15763.92)

788 twenties, 0 tens, 0 fives, 3 ones

3 quarters, 1 dimes, 1 nickels, 2 pennies

(2 pts)

Test 3:

0 Euros (\$0.00)

0 twenties, 0 tens, 0 fives, 0 ones

0 quarters, 0 dimes, 0 nickels, 0 pennies

(2 pts)

Test 4:

21 British Pounds (\$33.60)

1 twenties, 1 tens, 0 fives, 3 ones

2 quarters, 1 dimes, 0 nickels, 0 pennies

(2 pts)

Program uses setprecision correctly (1 pts)

Program uses setw correctly (1 pts)

Acceptable Style (30%, 7.5pts):

Project named correctly (1 pt)

Solution named correctly (0.5 pt)

Solution includes 01_Fraction (0.5)

Complete header comments (1 pt)

Formatting and style looks good (2 pts)

Constants are used appropriately (1 pt)

Well named variables (1.5 pt)
