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Professor Smallberg

Computer Science 31

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Project 2 Report

**Obstacles:**

The largest obstacle was understanding how the duty was calculated. At first, I thought that the duties would add together instead of just having certain percentages as duties per price range.

My second obstacle was realizing that I had to use *getline* instead of just *cin* to have input that is longer than one word.

My third obstacle was forgetting to put the *cout.setf(ios::fixed);* line of code that would go before the *cout.precision(2);*. I had to watch recorded lecture again to find what I was missing.

My fourth obstacle was forgetting to connect to the UCLA VPN before trying to copy to and access the linux server. I wasted a lot of time rewriting commands in command line (since you cannot just copy-paste into command line this takes much longer than one would think) until I realized my mistake.

**Test Data: (**None of test cases were handled in a way the spec requires)

To see if the cheshire does not apply

$7000 of “cheshire” cheese for The Cheese Store of Beverly Hills: $95.00

$503 of “cheshire” cheese for Cheese Shoppe: $5.53

Making sure these are not different because cheshire/stilton discount does NOT apply

$200.45 of “cheshire” cheese for Cheese Guys: $ 2.20

$200.45 of “smoked gouda” cheese for Cheese Guys: $ 2.20

Making sure these two are different because of the cheshire/stilton discount

$123456.78 of “stilton” cheese for “Blessed are the cheesemakers”: $ 3382.25

$123456.78 of “dorset blue vinney” cheese for “Blessed are the cheesemakers”: $ 3454.25

To see if non-positive value gives correct error message

$-123 of “cheshire” cheese for “Kung Pao Chicken”: The value must be positive

$-907897 of “lancashire” cheese for “Shoppe”: The value must be positive

$0 of “cornish yarg” cheese for “Shoppe”: The value must be positive

To see if order of errors is correct (which one error message shows when there are multiple weird inputs)

$0 of “” cheese for “”: You must enter a cheese type

$1 of “” cheese for “”: You must enter a cheese type

$489 of “swiss” cheese for “”: You must enter an importer