

Add Coins Error Log

Credit Name: CSE 2110 Procedural Programming 1

Assignment Name: Mastery Add Coins

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

Error

The error I had in this code was related to the calculations for converting the number of coins entered into cents that could be used to calculate the total. Here you can see that in the pennies conversion from number entered to sense I multiplied the number entered by 0.1, this however isn't the proper conversion rate for pennies but rather for dimes (0.1 of a dollar is 10 cents).

```
(pennies * 0.1)
```

To fix this I switched the multiplier to 0.01 which is 1 cent or 1% of a dollar, meaning that if the user entered 5 pennies they would have 0.05 of a dollar or 5% of a dollar. This fixed the problem allowing my code to run smoothly and properly.

```
((pennies * 0.01) +
```