CMPS 2010 Lab 9

Spring 2024

Program 1 - Money Game (Review)

Write a program that does the following:

- Use following double constants to store individual coin values:
    - PENNY_VALUE
    - NICKEL_VALUE
    - DIME_VALUE
    - QUARTER_VALUE
- Ask the user to enter the number of coins (in integers) required to make exactly one dollar:
    - Ask the user to enter the number of pennies
    - Ask the user to enter the number of nickels
    - Ask the user to enter the number of dimes
    - Ask the user to enter the number of quarters
- Use basic math to determine the totalValue of all of the coins.
- Use conditional statements to determine the following:
    - If the totalValue of the coins is between $1.00 and $2.00 (inclusive), congratulate the user
    - Otherwise, if totalValue is greater than $2.00, notify the user
    - Otherwise, if totalValue is less than $1.00, notify the user

YOU DO NOT HAVE TO WORRY ABOUT INPUT VALIDATION FOR THIS PROGRAM.

```
     WELCOME TO THE MONEY GAME!
TRY TO LAND BETWEEN $1.00 & $2.00!
-----------------------------------
HOW MANY PENNYS?: 5
HOW MANY NICKELS?: 5
HOW MANY DIMES?: 5
HOW MANY QUARTERS?: 5
YOU LOSE! $2.05 is greater than $2.00
```

Run this command from your lab9 folder to submit your work.

```
/home/fac/paul/s/submit.sh
```