Lab #2 – Cafeteria Ladies

Introduction
A new semester has begun and that culinary giant, the College of Staten Island cafeteria, and is once again serving gourmet fare. The cafeteria personnel have decided that in order to help people quickly pay for their food, a new computer program is needed. This program will tell the cashier the change needed given the total price of a customer's food and how much money the customer pays the cashier. To make things even easier (for the cashier, not for you!) it tells the cashier exactly how many dollar bills, quarters, dimes, nickels, and pennies are to be given back to the customer. It does this so that the least number of each is given in change.

For Example
If the bill is $1.33 and the student pays with $10.00, the program will display:

> Enter the amount of the check: $1.33
> Enter the amount the customer paid: $10.00
>
> The change is $8.67
> 8 dollar bills
> 2 quarter(s)
> 1 dime(s)
> 1 nickel(s)
> 2 penny(s)

Your Program Will
1. prompt for a check amount
2. prompt for the amount paid
3. print the results as above

Quality Assurance
Test your program using the following inputs:
1. Check: $11.67   Amount Paid: $15.00
2. Check: $5.68   Amount Paid: $20.00
3. Select one of your own

Hint: Convert everything to pennies.

IMPORTANT – Use good program style and make sure you comment your program!

HAND IN - Your source code and the output generated from your quality assurance test(s).