

Register Change



Create a program that can display the amount of change given back to a customer. The program should allow the clerk to enter the amount of money the customer owes and the amount of money the customer paid the Program should calculate and display the amount of change as well as how many dollars, quarters dimes, nickels and pennies to return to the customer. For now you do not have to worry about the situation where the price is greater than what the customer pays. You can assume that the customer paid either the exact amount or more than the exact amount.

- a. Complete an IPO chart for this problem
- b. Desk Check the algorithm using the following numbers:
 - 75.34 as the amount due and 80.00 as the amount paid
 - 39.67 as the amount due and 50.00 as the amount paid
 - 45.55 as the amount due and 45.55 as the amount paid
- c. Use the IPO chart to write the code the program use double variables
- d. Using the code you just wrote by hand type it into visual studio. This NEW PROJECT should be called CH4 change
- e. Make sure you print out your code from visual studio and then staple your papers together and hand in.