

Program #3 – Selection Statements (Bank Charges)  
CSC135 – Fall 2016

Write a program that calculates and prints a bank's service fees for a month. The bank offers two rates for service fees: commercial and personal. Each kind of account must pay \$10.00 per month plus fees based on the number of checks written. The bank's fees vary depending on the type of account. All checks for a month are assigned the same charge based on the total number of checks written during the month. The per-check fees are computed as follows:

Commercial Account:       \$0.10 each for less than 20 checks  
                                  \$0.08 each for 20 through 39 checks  
                                  \$0.06 each for 40 through 59 checks  
                                  \$0.04 each for 60 or more checks

Personal Account:         free if the number of checks used is less than 20  
                                  \$0.07 each for 20 through 50  
                                  \$0.10 each for 51 or more checks

Your program should prompt the user to enter an account number, an account type (type char), and the number of checks written. An account type of c or C means a commercial account; an account code of p or P means personal account. Treat any other character as an error. Your program should output the account number, type of account, number of checks written, and the amount due from the user.

The program **MUST** utilize functions and **MUST** contain at least one if statement and at least one switch statement.

All output should be neatly labeled with money looking like money. As always the main program should basically be calls to functions that do that job. No global variables may be used. Information must be passed in functions.