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# Program 5

# COMS-170-WWW01: Fall 2017

# Due: 10/30/2017

# Product Order Price Calculator

Pseudocode

# import to use

import decimal

set decimal variable name to something more useable

# function to get subtotal, asks user and verifies it

function getSubTotal()

set subTotal to value of user’s input (ask)

while subTotal is less than 1 or greater than 9999

print error

set subTotal to value of user’s input (ask)

return subTotal

# function calculateCosts

function calculateCosts(subTotal, handling)

if handling is true:

if subTotal is less than $100:

return $2

else subTotal is greater than $100:

return $0

else handling is false:

set shipping to subTotal \* 0.1, which is 10%

return shipping

#function calculateTax

function calculateTax(subTotal)

return subTotal \* 0.06, which is 6%

#function main

function main()

set subTotal to value returned by getSubTotal()

set shipping to value returned by calculateCosts(subTotal, false)

set handling to value returned by calculateCosts(subTotal, true)

set tax to value returned by calculateTax(subTotal)

set grandTotal to sum of subTotal + shipping + handling + tax

print “Product total information”

print “Subtotal: $”, subTotal

print “Shipping: $”, shipping

print “Handling: $”, handling

print “Sales Tax: $”, tax

print “Grand Total: $”, grandTotal

# round each printed product total to 2 places (currency)