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# Course------CS1213-01

# Project-----Project #3

# Due---------September 28,2018

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# This program computes the price of an automotive oil

# change at local BisonLube shops. The pricing is based

# on the number of quarts of oil that the customer buys,

# a volume discount for large orders, and whether the

# customer buys a new oil filter. There is a $10.00

# service charge that is the same for all customers, and

# 6% sales tax.

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quarts = int(input("Number of quarts--------"))

Filter = str(input("Oil filter? (Y or N)----"))

print()

print("Your bill from BisonLube")

print()

price\_oil = quarts\*6.95

price\_filter = 7.56

service = 10.00

discount = price\_oil\*0.1

print("Oil....... $%0.2f"%price\_oil)

if quarts > 6:

print("Discount.. %6.2f"%discount)

if Filter == 'Y':

print("Filter.... %6.2f"%price\_filter)

print("Service... %6.2f"%service)

print(" -------")

if quarts > 6 and Filter == 'N':

subtotal = service+price\_oil-discount

print("Subtotal.. %6.2f"%subtotal)

if quarts > 6 and Filter == 'Y':

subtotal = service+price\_oil+price\_filter-discount

print("Subtotal.. %6.2f"%subtotal)

if quarts <= 6 and Filter == 'N':

subtotal = service+price\_oil

print("Subtotal.. %6.2f"%subtotal)

if quarts <= 6 and Filter == 'Y':

subtotal = service+price\_oil+price\_filter

print("Subtotal.. %6.2f"%subtotal)

tax = subtotal \* 0.06

total = subtotal + tax

print("Tax....... %6.2f"%tax)

print(" -------")

print("Total..... $%0.2f"%total)

print()

if quarts > 10:

print("Notice: The EPA recommends that you dispose of used motor oil at a certified recycling center.")