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# CS A131

# Date: March 3, 2018

# Project

# Filename: Project2

Tax = 0.08

# Sandwiches

Sandwiches = 0

Hamburger = 2.75

Cheeseburger = 3.25

Chicken\_Sandwich = 2.50

# Side Order

Side\_Order = 0

French\_Fries = 2.25

Onion\_Rings = 1.75

Side\_Salad = 1.50

# Drinks

Drinks = 0

Small = 1.50

Medium = 2.25

Large = 2.75

print("\*\*\* \*\*\* \*\*\* \*\*\* Binary Burgers Order Program \*\*\* \*\*\* \*\*\* \*\*\*\n")

orders = int(input("how many orders would you like to order? "))

while orders<1:

print("The number of orders needs to be greater than zero. Try again!")

orders = int(input("how many orders would you like to order? "))

for x in range(1,orders+1):

print("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*~~~~~~~~Processing Order #",x,"~~~~~~~~\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*",sep="")

Sandwiches = int(input("Enter 1 for hamburger, 2 for a cheeseburger, 3 for a chicken sandwich, or 4 for no sandwich: "))

while Sandwiches<1 or Sandwiches>4:

print("numbers must be between 1 and 4. Try again!")

Sandwiches = int(input("\nEnter 1 for hamburger, 2 for a cheeseburger, 3 for a chicken sandwich, or 4 for no sandwich: "))

Side\_Orders = int(input("\nEnter 1 for French Fries, 2 for onion rings, 3 for a side salad, or 4 for no side: "))

while Side\_Orders<1 or Side\_Orders>4:

print("numbers must be between 1 and 4. Try again!")

Side\_Orders = int(input("\nEnter 1 for French Fries, 2 for onion rings, 3 for a side salad, or 4 for no side: "))

Drinks = int(input("\nEnter 1 for Coke, 2 for Sprite, 3 for Lemonade, or 4 for a cup of water: "))

while Drinks<1 or Drinks>4:

print("numbers must be between 1 and 4. Try again!")

Drinks = int(input("\nEnter 1 for Coke, 2 for Sprite, 3 for Lemonade, or 4 for a cup of water: "))

if Drinks == 1 or Drinks == 2 or Drinks == 3:

Size = int(input("\nEnter 1 for Small, 2 for Medium, 3 for Large: "))

while Size>3 or Size<1:

print("numbers must be between 1 and 3. Try again!")

Size = int(input("\nEnter 1 for Small, 2 for Medium, 3 for Large: "))

else:

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print("\n~~~~~~~~~~~~~~~~~~~~~~~~~\*\*\*\*\*\*\*\*Total for order #",x,"\*\*\*\*\*\*\*\*~~~~~~~~~~~~~~~~~~~~~~~~",sep="")

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if Sandwiches == 1:

print("Hamburger $", format(Hamburger, '.2f'), sep='')

Sandwiches = 2.75

elif Sandwiches == 2:

print("Cheeseburger $", format(Cheeseburger, '.2f'), sep='')

Sandwiches = 3.25

elif Sandwiches == 3:

print("Chicken Sandwich $", format(Chicken\_Sandwich, '.2f'), sep='')

Sandwiches = 2.50

else:

''

Sandwiches = 0

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if Side\_Orders == 1:

print("French Fries $", format(French\_Fries, '.2f'), sep='')

Side\_Orders = 2.25

elif Side\_Orders == 2:

print("Onion Rings $", format(Onion\_Rings, '.2f'), sep='')

Side\_Orders = 1.75

elif Side\_Orders == 3:

print("Side Salad $", format(Side\_Salad, '.2f'), sep='')

Side\_Orders = 1.50

else:

''

Side\_Orders = 0

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if Drinks == 1:

if Size == 1:

print("Small Coke $", format(Small, '.2f'), sep='')

Drinks = 1.50

elif Size == 2:

print("Medium Coke $", format(Medium, '.2f'), sep='')

Drinks = 2.25

elif Size == 3:

print("Large Coke $", format(Large, '.2f'), sep='')

Drinks = 2.75

else:

print("Medium Coke $", format(Medium, '.2f'), sep='')

Drinks = 2.25

elif Drinks == 2:

if Size == 1:

print("Small Sprite $", format(Small, '.2f'), sep='')

Drinks = 1.50

elif Size == 2:

print("Medium Sprite $", format(Medium, '.2f'), sep='')

Drinks = 2.25

elif Size == 3:

print("Large Sprite $", format(Large, '.2f'), sep='')

Drinks = 2.75

else:

print("Medium Sprite $", format(Medium, '.2f'), sep='')

Drinks = 2.25

elif Drinks == 3:

if Size == 1:

print("Small Lemonade $", format(Small, '.2f'), sep='')

Drinks = 1.50

elif Size == 2:

print("Medium Lemonade $", format(Medium, '.2f'), sep='')

Drinks = 2.25

elif Size == 3:

print("Large Lemonade $", format(Large, '.2f'), sep='')

Drinks = 2.75

else:

print("Medium Lemonade $", format(Medium, '.2f'), sep='')

Drinks = 2.25

else:

print("Cup Of Water ")

Drinks = 0

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

subtotal = Sandwiches + Side\_Orders + Drinks

print("Subtotal: $", format(subtotal, '.2f'), sep='')

Sales\_Tax = subtotal \* Tax

print("Sales Tax: $", format(Sales\_Tax, '.2f'), sep='')

print("Total: $", format((subtotal + Sales\_Tax), '.2f'), sep='')