IIT Tutorial week 4: Coffee shop Example

**Code for the first task:**

print("Welcome to the Python Coffee Shop!")

customer\_name = input("What is your name? ")

print("Hello, " + customer\_name + "! Let's order some coffee.")

price\_coffee = 3.50

price\_latte = 4.00

price\_americano = 3.00

print("Coffee: $" + str(price\_coffee))

print("Latte: $" + str(price\_latte))

print("Americano: $" + str(price\_americano))

choice = input("What would you like to order? (coffee/latte/americano): ")

if choice == "coffee":

cost = price\_coffee

elif choice == "latte":

cost = price\_latte

elif choice == "americano":

cost = price\_americano

else:

print("Sorry, we do not have that.")

cost = 0

quantity = int(input("How many cups would you like? "))

total\_cost = cost \* quantity

if quantity > 1:

print("You get a discount of $1.00!")

total\_cost -= 1.00

print("Your total is: $" + str(total\_cost))

print("Thank you, " + customer\_name + "! Please come again.")

**Code for the second task:**

print("Welcome to the Python Coffee Shop!")

customer\_name = input("What is your name? ")

print("Hello, " + customer\_name + "! Let's order some coffee.")

price\_coffee = 3.50

price\_latte = 4.00

price\_americano = 3.00

print("Coffee: $" + str(price\_coffee))

print("Latte: $" + str(price\_latte))

print("Americano: $" + str(price\_americano))

choice = input("What would you like to order? (coffee/latte/americano): "). lower()

if choice == "coffee":

cost = price\_coffee

elif choice == "latte":

cost = price\_latte

elif choice == "americano":

cost = price\_americano

else:

print("Sorry, we do not have that.")

cost = 0

quantity = int(input("How many cups would you like? "))

student\_discount = input("Are you a student? (yes/no)"). lower()

if student\_discount == "yes":

cost = cost \* 0.9

total\_cost = cost \* quantity

if quantity > 1:

print("You get a discount of $1.00!")

total\_cost -= 1.00

print("Your total is: $" + str(total\_cost))

print("Thank you, " + customer\_name + "! Please come again.")

**Code for the third task:**

while True:

print("Welcome to the Python Coffee Shop!")

customer\_name = input("What is your name? ")

print("Hello, " + customer\_name + "! Let's order some coffee.")

price\_coffee = 3.50

price\_latte = 4.00

price\_americano = 3.00

print("Coffee: $" + str(price\_coffee))

print("Latte: $" + str(price\_latte))

print("Americano: $" + str(price\_americano))

choice = input("What would you like to order? (coffee/latte/americano): "). lower()

if choice == "coffee":

cost = price\_coffee

elif choice == "latte":

cost = price\_latte

elif choice == "americano":

cost = price\_americano

else:

print("Sorry, we do not have that.")

cost = 0

quantity = int(input("How many cups would you like? "))

student\_discount = input("Are you a student? (yes/no)"). lower()

if student\_discount == "yes":

cost = cost \* 0.9

total\_cost = cost \* quantity

if quantity > 1:

print("You get a discount of $1.00!")

total\_cost -= 1.00

print("Your total is: $" + str(total\_cost))

print("Thank you, " + customer\_name + "! Please come again.")

ask = input("Would you like another order?"). lower()

if ask == "no":

print("Thank you!")

break