Module3 Assignments:

Course: Python Coding Submitted To: **Filsia Mohamed**

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Task 1: Display a drink menu. Ask a user to pick an option. If the user enters a number that is not part of the menu, ask them to choose a drink again. Use a while loop to continuously ask the user until they get it right. Once the user enters the right number, display the key ingredients of the selected drink. Sample output: \*\*\*\*Coco Bar Menu\*\*\*\*\*\* 1. Hot Chocolate 2. Latte 3. Chai \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Please select a drink from the menu: 5 Invalid entry. Please select another option: 4 Invalid entry. Please select another option: 10 Invalid entry. Please select another option: 3 \*\*Chai ingredients are: Milk, tea, spices\*\*

Answers:

print("\*\*\*\*\*Coco Bar Menu\*\*\*\*\*")

print("1.Hot chocolate")

print("2.coffee")

print("3.Tea")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*")

while True:

  num=int(input("Please select the drink from the menu:"))

  if num ==1:

   print("\*\*\*\*\*The Hot chocolate ingredients are :milk spies \*\*\*\*\*")

   break

  elif num==2:

    print("\*\*\*\*\*The Coffee ingredients are:milk,sugar,coffee \*\*\*\*\* ")

    break

  elif num==3:

    print("\*\*\*\*\*\* The Tea ingredients are: spies,milk,sugar \*\*\*\*\*\*")

    break

Task 2: create a running calculator that adds the number as the user enters them. The user may enter multiple numbers. The program will stop running when the user enters 0. Ask the user to input a number. Display the sum of all the previous numbers. Repeat

Answer:

sum = 0

while True:

    num = int(input("Enter a number: "))

    if num == 0:

      print("The end,","The final answer is:",sum)

      break

    sum += num

    print("Sum of so far equals:", sum)

Output:

