**Aaron A. Kenna**

**CSC500**

**MOD3 CTA**

**3-9-2024**

**Critical Thinking Assignment**

**Part 1**

**meal\_cost = float(input("Enter cost of meal:"))**

**gratuity = 0.18 \* meal\_cost**

**#print(gratuity)**

**print("Gratuity: $" + "{:.2f}".format(gratuity))**

**sales\_tax = 0.07 \* meal\_cost**

**#print(sales\_tax)**

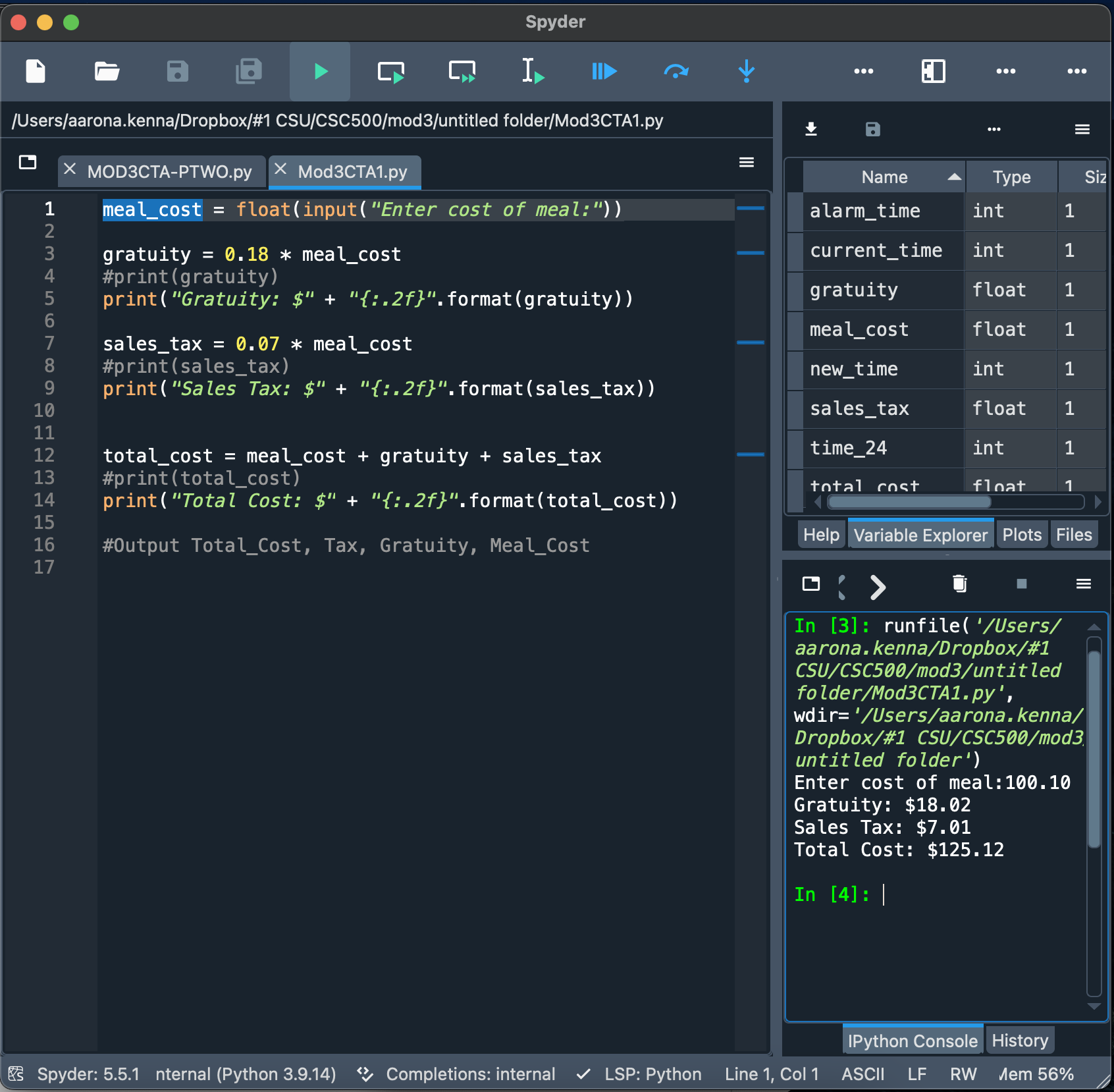
**print("Sales Tax: $" + "{:.2f}".format(sales\_tax))**

**total\_cost = meal\_cost + gratuity + sales\_tax**

**#print(total\_cost)**

**print("Total Cost: $" + "{:.2f}".format(total\_cost))**

**#Output Total\_Cost, Tax, Gratuity, Meal\_Cost**

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**Part 2**

**# Current time = 13**

**current\_time = int(input('Enter current time in hours: '))**

**# alarm\_length (50)**

**alarm\_time = int(input('Enter alarm time:'))**

**new\_time = current\_time + alarm\_time**

**time\_24 = new\_time % 24**

**print(time\_24)**

**A screenshot of a computer program

Description automatically generated**