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def task01():

28

print("=====\nTask 1\n=====")

27

restaurant = Restaurant('Colombian Express', 'Typical colombian food')

26

restaurant.describe_restaurant()

25

restaurant.open_restaurant()

24

23

22

def task02():

21

print("=====\nTask 2\n=====")

20

restaurants = [

19

Restaurant('Colombian Express', 'Typical colombian food'),

18

Restaurant('Sushi bar', 'Japanese food'),

17

Restaurant('Canadian Hub', 'Poutine and Canadian food'),

16

]

15

for restaurant in restaurants:

14

restaurant.describe_restaurant()

13

restaurant.open_restaurant()

12

11

10

class User:

9

instance_count = 0

8

7

def __init__(self, user_id, first_name, last_name):

6

self.user_id = user_id

5

self.first_name = first_name

4

self.last_name = last_name

3

self.created_on = datetime.date(2019, 11, 15)

2

self.last_login_date = datetime.date(2020, 10, 28)

1

self.active = True

60

self.login_attempts = 0

1

User.instance_count += 1

2

3

def summarv(self):

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def task04():

print("=====\nTask 4\n=====")

restaurant = Restaurant('Colombian Express', 'Typical colombian food')

restaurant.describe_restaurant()

print('Set number served = 150')

restaurant.set_number_served(150)

restaurant.describe_restaurant()

print('Increment number served by 10')

restaurant.increment_number_served(10)

restaurant.describe_restaurant()

def task05():

print("=====\nTask 5\n=====")

user = User('diegoortizmatajira', 'Diego', 'Ortiz')

user.summary()

print('Perform one login attempt\n')

user.increment_login_attempts()

user.summary()

print('Perform one login attempt\n')

user.increment_login_attempts()

user.summary()

print('Perform reset to login attempts counter\n')

user.reset_login_attempts()

user.summary()

def task06():

print("=====\nTask 6\n=====")

users = [

User('diegoortizmatajira', 'Diego', 'Ortiz'),

User('mr_robot', 'Elliot', 'Alderson')

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print(Perform one login attempt\n)

88

user.increment_login_attempts()

89

user.summary()

90

print('Perform one login attempt\n')

91

user.increment_login_attempts()

92

user.summary()

93

print('Perform reset to login attempts counter\n')

94

user.reset_login_attempts()

95

user.summary()

96

97

98

def task06():

99

print("=====\nTask 6\n=====")

100

users = [

101

User('diegoortizmatajira', 'Diego', 'Ortiz'),

102

User('mr_robot', 'Elliot', 'Alderson'),

103

User('neo', 'Thomas', 'Anderson'),

104

]

105

print(f'Number of instances: {users[0].instance_count}')

106

107

108

task01()

109

task02()

110

task03()

111

task_odometer()

112

task04()

113

task05()

114

task06()

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User > _init_()

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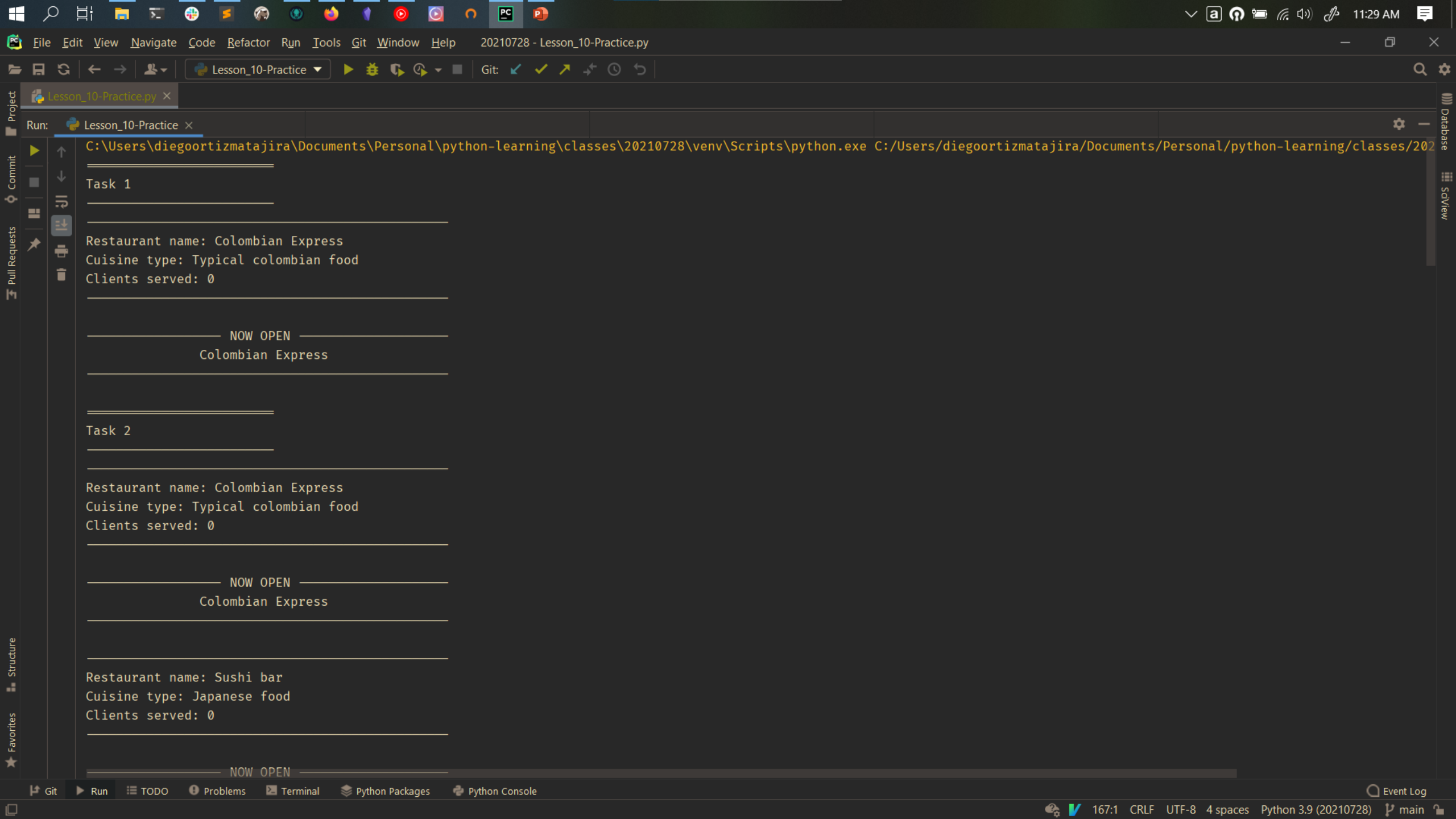
Python Packages

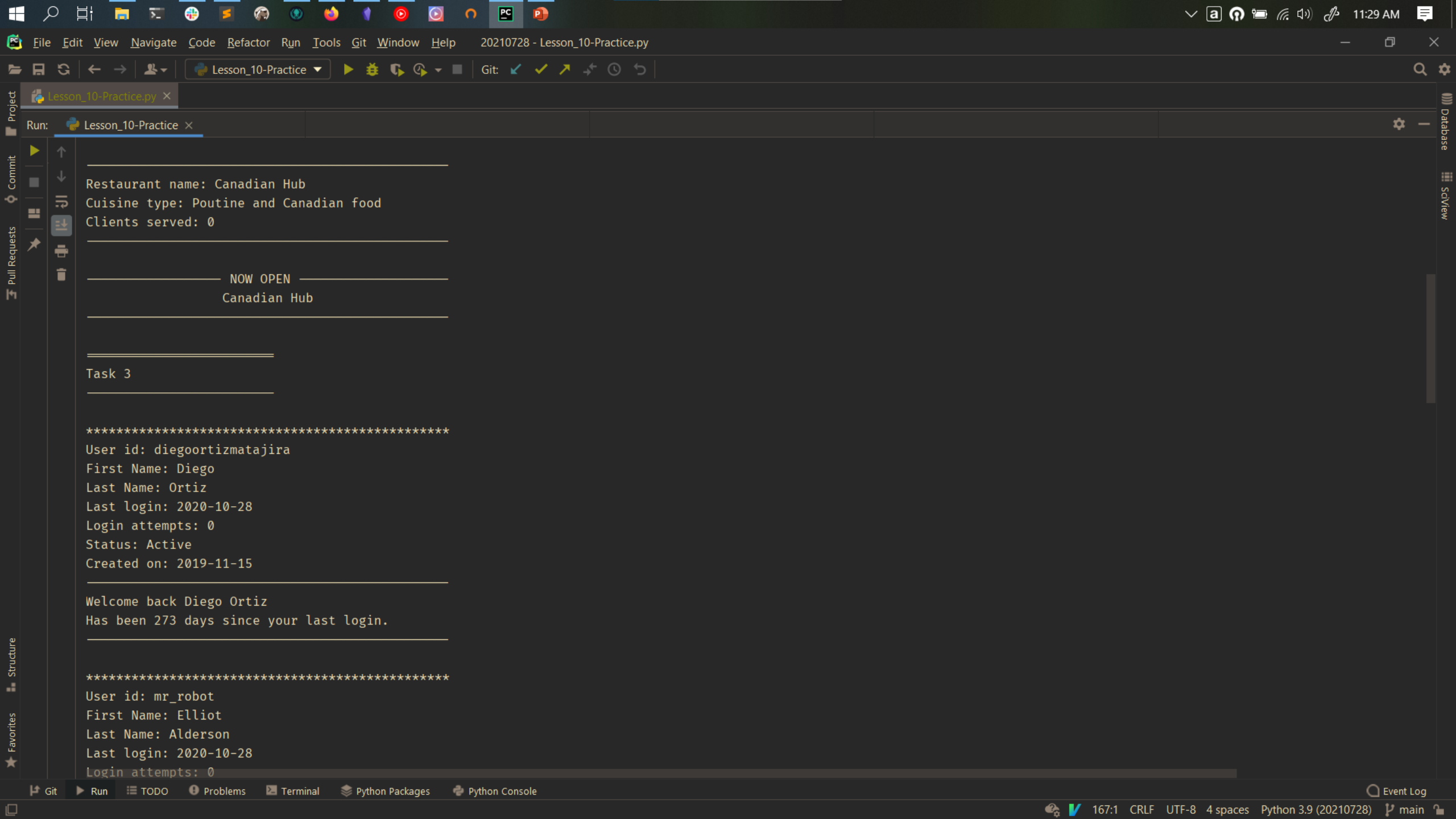
Python Console

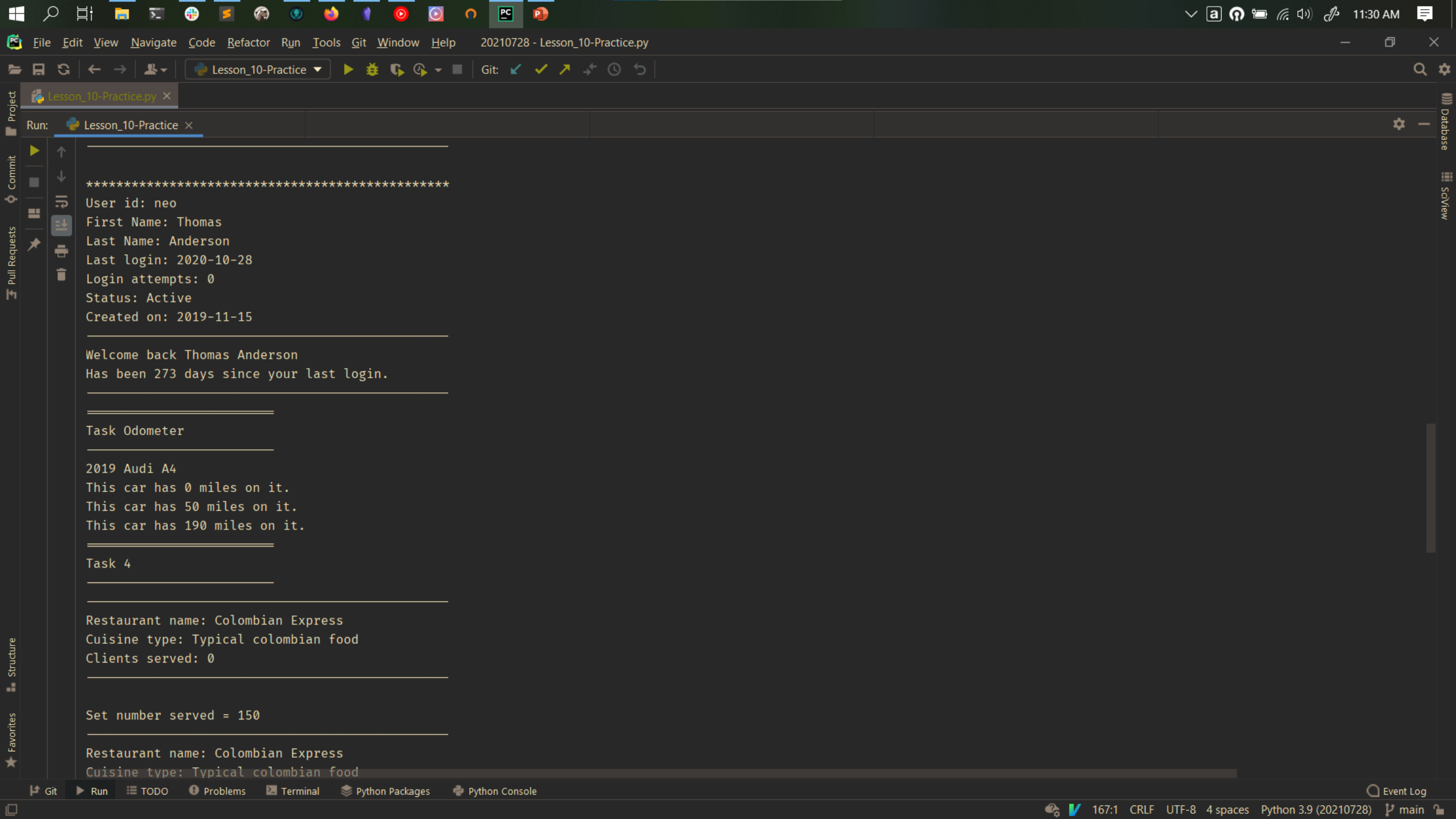
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Code execution







```
*****
User id: neo
First Name: Thomas
Last Name: Anderson
Last login: 2020-10-28
Login attempts: 0
Status: Active
Created on: 2019-11-15

Welcome back Thomas Anderson
Has been 273 days since your last login.

=====

Task Odometer

2019 Audi A4
This car has 0 miles on it.
This car has 50 miles on it.
This car has 190 miles on it.

=====

Task 4

Restaurant name: Colombian Express
Cuisine type: Typical colombian food
Clients served: 0

Set number served = 150

Restaurant name: Colombian Express
Cuisine type: Typical colombian food
```

PC

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Restaurant name: Colombian Express

Cuisine type: Typical colombian food

Clients served: 0

Set number served = 150

Restaurant name: Colombian Express

Cuisine type: Typical colombian food

Clients served: 150

Increment number served by 10

Restaurant name: Colombian Express

Cuisine type: Typical colombian food

Clients served: 160

Task 5

User id: diegoortizmatajira

First Name: Diego

Last Name: Ortiz

Last login: 2020-10-28

Login attempts: 0

Status: Active

Created on: 2019-11-15

Perform one login attempt

User id: diegoortizmatajira

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main

