

PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - address\_formatting.py

courier\_management\_system > tasks > address\_formatting.py

Project

- courier\_management\_system
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- External Libraries
- Scratches and Consoles

```
1 def format_address(street, city, state, zip_code):
2     formatted_address = f"{street.title()}, {city.title()}, {state.title()} {zip_code}"
3     return formatted_address
4
5
6 # Example usage
7 street = "133/1"
8 city = "Lko"
9 state = "AP"
10 zip_code = "209010"
11
12 formatted_address = format_address(street, city, state, zip_code)
13 print("Formatted Address:", formatted_address)
```

Run: address\_formatting

C:\pythan310\python.exe "C:/Users/Abhishek/OneDrive - Madan Mohan Malaviya University of Technology/Desktop/00Ps Python Assignment/courier\_management\_system/tasks/address\_formatting.py"

Formatted Address: 133/1, Lko, Ap 209010

Process finished with exit code 0

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PEP 8: W292 no newline at end of file

13:47 CRLF UTF-8 4 spaces Python 3.10

15:25 26-12-2023

PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - calculate\_shipping\_costs.py

courier\_management\_system > tasks > calculate\_shipping\_costs.py

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```
3     cost_per_km = 2.5
4     shipping_cost = distance * cost_per_km * parcel_weight
5     return shipping_cost
6
7     # Example usage
8     source_address = "Source City, Source State"
9     destination_address = "Destination City, Destination State"
10    parcel_weight = 7.5
11
12    shipping_cost = calculate_shipping_cost(parcel_weight)
13    print("Source Address:", source_address)
14    print("Destination Address:", destination_address)
15    print("Shipping Cost:", shipping_cost)
```

Run: calculate\_shipping\_costs

C:\pythan310\python.exe "C:/Users/Abhishek/OneDrive - Madan Mohan Malaviya University of Technology/Desktop/00Ps Python Assignment/courier\_management\_system/tasks/calculate\_shipping\_costs.py"

Source Address: Source City, Source State  
Destination Address: Destination City, Destination State  
Shipping Cost: 3750.0

Process finished with exit code 0

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PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - customer\_data\_validation.py

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```
10         return bool(re.match(r'\d{3}-\d{3}-\d{4}', data))
11     else:
12         return False
13
14
15 # Example usage
16 customer_name = "olivia"
17 customer_address = "Delhi "
18 customer_phone = "8756117054"
19
20 name_valid = validate_customer_info(customer_name, "name")
21 address_valid = validate_customer_info(customer_address, "address")
22 phone_valid = validate_customer_info(customer_phone, "phone_number")
23
24 print(f"Name Valid: {name_valid}, Address Valid: {address_valid}, Phone Valid: {phone_valid}")
```

Run: customer\_data\_validation

C:\pythan310\python.exe "C:/Users/Abhishek/OneDrive - Madan Mohan Malaviya University of Technology/Desktop/00Ps Python Assignment/courier\_management\_system/tasks/customer\_data\_vali  
Name Valid: False, Address Valid: True, Phone Valid: False

Process finished with exit code 0

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PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - order\_confirmation.py

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```
5
6     return email_body
7
8
9     # Example usage
10    customer_name = "Abhishek"
11    order_number = "202556"
12    delivery_address = "133/1 deviganj chakeri kanpur UP"
13    expected_delivery_date = "2023-02-02"
14
15    order_confirmation_email = generate_order_confirmation_email(customer_name, order_number, delivery_address,
16                                                                expected_delivery_date)
17    print("Order Confirmation Email:\n", order_confirmation_email)
```

Run: order\_confirmation

C:\pythan310\python.exe "C:/Users/Abhishek/OneDrive - Madan Mohan Malaviya University of Technology/Desktop/00Ps Python Assignment/courier\_management\_system/tasks/order\_confirmation.py"

Order Confirmation Email:  
Dear Abhishek,

Order Number: 202556  
Delivery Address: 133/1 deviganj chakeri kanpur UP  
Expected Delivery Date: 2023-02-02

Thank you for choosing our courier service!

Process finished with exit code 0

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File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - parcel\_tracking.py

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```
1 parcel_data = [  
2     ["ABC123", "Parcel in transit"],  
3     ["XYZ789", "Parcel out for delivery"],  
4     ["123456", "Parcel delivered"]  
5 ]  
6  
7  
8 def simulate_tracking(tracking_number):  
9     for parcel in parcel_data:  
10         if parcel[0] == tracking_number:  
11             print(f"Tracking Number: {parcel[0]}, Status: {parcel[1]}")  
12             return  
13     print("Tracking number not found.")  
14  
15  
16 user_tracking_number = input("Enter parcel tracking number: ")  
17 simulate_tracking(user_tracking_number)
```

Run: parcel\_tracking

C:\pythan310\python.exe "C:/Users/Abhishek/OneDrive - Madan Mohan Malaviya University of Technology/Desktop/00Ps Python Assignment/courier\_management\_system/tasks/parcel\_tracking.py"  
Enter parcel tracking number: 123456  
Tracking Number: 123456, Status: Parcel delivered  
Process finished with exit code 0

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PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - password\_generator.py

courier\_management\_system > tasks > password\_generator.py

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```
1 import string
2 import random
3
4 def generate_password():
5     characters = string.ascii_letters + string.digits + string.punctuation
6     password = ''.join(random.choice(characters) for i in range(12))
7     return password
8
9 generated_password = generate_password()
10 print("Generated Password:", generated_password)
```

Run: password\_generator x

C:\pythan310\python.exe "C:/Users/Abhishek/OneDrive - Madan Mohan Malaviya University of Technology/Desktop/00Ps Python Assignment/courier\_management\_system/tasks/password\_generator.py"

Generated Password: yC01\,?W+|48

Process finished with exit code 0

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PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - similar\_address.py

courier\_management\_system > tasks > similar\_address.py

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```
1 def find_similar_addresses(address, address_list):
2     similar_addresses = [similar for similar in address_list if similar.lower() in address.lower()]
3     return similar_addresses
4
5 # Example usage
6 address_to_check = "123 Main St, Example City, NY 12345"
7 address_list = ["123 Main St", "456 Side St", "789 Up St"]
8
9 similar_addresses = find_similar_addresses(address_to_check, address_list)
10 print("Similar Addresses:", similar_addresses)
```

Run: similar\_address

C:\pythan310\python.exe "C:/Users/Abhishek/OneDrive - Madan Mohan Malaviya University of Technology/Desktop/00Ps Python Assignment/courier\_management\_system/tasks/similar\_address.py"

Similar Addresses: ['123 Main St']

Process finished with exit code 0

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PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - task1.py

courier\_management\_system > tasks > task1.py

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```
22
23 def user_authentication(username, password, user_type):
24     if user_type == 'employee' and username == 'admin' and password == 'admin123':
25         print("Employee login successful.")
26     elif user_type == 'customer' and username == 'customer' and password == 'password123':
27         print("Customer login successful.")
28     else:
29         print("Invalid username or password.")
30
31
32 def assign_couriers_to_shipments(shipments):
33     for shipment in shipments:
34         print(f"Courier assigned for shipment {shipment}")
35
36
37 shipments_list = [1, 2, 3]
38 assign_couriers_to_shipments(shipments_list)
39
310 check_order_delivery_status() > elif order_status == "Cancelled"
```

Run: task1

```
Courier assigned for shipment 2
Courier assigned for shipment 3
Enter username: customer
Enter password: password123
Enter user type (employee/customer): customer
Customer login successful.
Medium parcel
The order has been delivered.

Process finished with exit code 0
```

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PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - task2.py

courier\_management\_system > tasks > task2.py

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Run: task2

```
1 import random
2 import time
3
4
5 def courier_location_tracking(destination):
6     current_location = 0
7
8     print("Courier is on the way to the destination...")
9
10    while current_location < destination:
11        distance_covered = random.randint(1, 10)
12        current_location += distance_covered
13        print(f"Courier location: {current_location} km")
14        time.sleep(1) # 1 second delay
15
16    print("Courier has reached the destination.")
```

courier\_location\_tracking() > while current\_location < destin...

Courier location: 54 km  
Courier location: 55 km  
Courier location: 59 km  
Courier location: 66 km  
Courier location: 75 km  
Courier location: 84 km  
Courier location: 90 km  
Courier location: 93 km  
Courier location: 101 km  
Courier has reached the destination.

Process finished with exit code 0

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Search

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PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - main.py

courier\_management\_system > main.py

Project

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  - custom\_exception.py
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  - CourierServiceManager.py
- tasks
  - address\_formatting.py

main.py

```
23 elif choice == "2":
24     self.check_order_status()
25 elif choice == "3":
26     self.cancel_courier_order()
27 elif choice == "4":
28     self.get_assigned_orders()
29 elif choice == "5":
30     self.add_courier_service()
```

Run: main

Courier System Menu:

1. Place Courier Order
2. Check Order Status
3. Cancel Courier Order
4. Get Assigned Orders (Courier Staff)
5. Add Courier Service (Admin)
6. Exit

Enter your choice: 2

Enter tracking number: TRK111

Order Status: In Transit

Courier System Menu:

1. Place Courier Order
2. Check Order Status
3. Cancel Courier Order
4. Get Assigned Orders (Courier Staff)
5. Add Courier Service (Admin)
6. Exit

Enter your choice: 3

Enter tracking number to cancel: TRK161

Order canceled successfully.

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26-12-2023 15:45

PC File Edit View Navigate Code Refactor Run Tools VCS Window Help courier\_management\_system - main.py

courier\_management\_system > main.py

Project

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- tasks
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main.py

```
23 elif choice == "2":
24     self.check_order_status()
25 elif choice == "3":
26     self.cancel_courier_order()
27 elif choice == "4":
28     self.get_assigned_orders()
29 elif choice == "5":
30     self.add_courier_service()
```

Run: main

Courier System Menu:

1. Place Courier Order
2. Check Order Status
3. Cancel Courier Order
4. Get Assigned Orders (Courier Staff)
5. Add Courier Service (Admin)
6. Exit

Enter your choice: 4

Enter courier staff ID: 7

Assigned Orders: ['123456', '789012']

Courier System Menu:

1. Place Courier Order
2. Check Order Status
3. Cancel Courier Order
4. Get Assigned Orders (Courier Staff)
5. Add Courier Service (Admin)
6. Exit

Enter your choice: 6

Exiting Courier System. Goodbye!

Process finished with exit code 0

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