← pwc

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⚙ Dashboard / Launchpad Cyber Security - Python / Stage 1 / Python Programming / Challenge Yourself! (2 Hrs)

Practice program: Passenger Records Management System

For any queries related to this activity, please raise a support ticket by **clicking here**

Description   Grading view

| File List | Save All | Compile & Run | Evaluate | Reset | Full screen | Description |

| invalid_place_ex... 🛡 | passenger.py 🛡 | tourism.py 🛡 | tourism_main.py 🛡 |

```python
16          "Adventures": 4500
17      }
18
19      num_registrations = int(input("Enter the number of registrations:\n"))
20      for i in range(1, num_registrations + 1):
21          try:
22              registration_detail = input(f"Enter the registration details {i}:\n")
23              passenger_name, place, no_of_days, no_of_tickets = registration_detail.split(":")
24              no_of_days = int(no_of_days)
25              no_of_tickets = int(no_of_tickets)
26              tourism.add_passenger_details(passenger_name, place, no_of_days, no_of_tickets, place_prices)
27          except InvalidPlaceException as e:
28              print(e.get_message())
29          except ValueError:
30              print("Invalid input format")
31
32      search_place = input("Enter the Place that needs to be searched:\n")
33      passengers = tourism.view_passenger_details(search_place)
34      if not passengers:
35          print("No Passengers found")
36      else:
37          for p in passengers:
38              print(f"Passenger Name {p.get_passenger_name()}")
39              print(f"Number Of Days {p.get_no_of_days()}")
40              print(f"Number Of Tickets {p.get_no_of_tickets()}")
41              print(f"Bill Amount {p.get_bill_amount()}")
42
43  if __name__ == "__main__":
44      main()
```

Evaluation Result:

Proposed grade: 0.0 / 100
Result Description

Fail 1 ::

*The constructor for the class 'InvalidPlaceException' is not defined properly. Check whether the __init__() with one argument 'message' is
set or not.*

Fail 2 ::

*The function 'add_passenger_details()' is not implemented as per the requirements. It should create the passenger object, calculate bill
amount, set the values into the passenger object and then append to the list. Check the name and the implementation of the function.*

Fail 3 ::

*The method for 'calculate_bill_amount()' is not implemented properly. Check the name and the logic of the function if the place is 'Hill
Station'.*

Fail 4 ::

*The method for 'calculate_bill_amount()' is not implemented properly. Check the name and the logic of the function if the place is
'Adventures'.*

Fail 5 ::

The method for 'calculate_bill_amount()' is not implemented properly. Check the name and the logic of the function if the place is 'Beach'.

Fail 6 ::

*The method for 'calculate_bill_amount()' is not implemented properly. Check the name and the logic of the function if the place is
'Heritage'.*

Fail 7 ::

*The method for 'calculate_bill_amount()' is not implemented properly. Check the name and the logic of the function if the place is
'Pilgrimage'.*

Fail 8 ::

*The method for 'calculate_bill_amount()' is not implemented properly. Check the name and the logic of the function if the place is 'Water
Falls'.*

Fail 9 ::

Check whether the output message displayed for an invalid place is implemented as per the given requirements or not.

Fail 10 ::

Check whether UI display statements are implemented as per the given requirements for N passengers for a valid place.

Fail 11 ::

Check whether the output message for a valid place is created as per the given requirements or not

Fail 12 ::

Check the ouput message displayed for searching a valid place with no passengers is created correctly.

Fail 13 ::

User inputs required for passenger_name, place, no_of_days and no_of_tickets. Check the variable names or the implementation of 'input()'
function.

Fail 14 ::

validate_place_name() missing 1 required positional argument: 'place_prices'

Fail 15 ::

validate_place_name() missing 1 required positional argument: 'place_prices'

Fail 16 ::

view_passenger_details()' method is not properly defined in 'trourism.py'. It is not displaying the expected output for an invalid place as
specified in the requirements. Check the display statements

Fail 17 ::

view_passenger_details()' method is not properly defined in 'trourism.py'. It is not displaying the expected output for a valid place as
specfied in the requirements. Check the printing statements

Grading and Feedback

```
Score : 0.00 / 100.00(Failed)


Status of the requirements implemented are as below:


Exception Handling - 0.00 / 25.00(Failed)

    * Check the logic for implementing a constructor in place to raise an invalid place name exception  - 0.00 / 10.00

    * Requirement is to check the 'validate_place_name()' method to valid place name that will not raise an exception  - 0.00 / 10.00

    * Check the logic for validating the place name to raise an invalid exception when place is other than given place name  - 0.00 / 5.00


Collection Manipulation - 0.00 / 46.00(Failed)

    * Logic of add passenger Details for N elements  - 0.00 / 6.00

    * Logic of 'add passenger Details'calculate_bill_amount()' for the place 'Pilgrimage'  - 0.00 / 4.00

    * Logic of 'add passenger Details'calculate_bill_amount()' for the place 'Beach'  - 0.00 / 4.00

    * Logic of 'add passenger Details'calculate_bill_amount()' for the place 'Heritage'  - 0.00 / 4.00

    * Logic of 'add passenger Details'calculate_bill_amount()' for the place 'Hill Station'  - 0.00 / 4.00

    * Logic of 'add passenger Details'calculate_bill_amount()' for the place 'Water Falls'  - 0.00 / 3.00

    * Logic of 'add passenger Details'calculate_bill_amount()' for the place 'Adventures'  - 0.00 / 3.00

    * Logic of finding passenger details for n value  - 0.00 / 5.00

    * Check the logic of 'view_passenger_details()' method  for an invalid place name  - 0.00 / 5.00

    * Implementation of the 'view_passenger_details()' is designed correctly for displaying N passengers for a valid place  - 0.00 / 8.00


Presentation - 0.00 / 29.00(Failed)

    * Implementation of main UI   - 0.00 / 5.00

    * Implementation of UI for an invalid place  - 0.00 / 5.00

    * Implementation of UI for a place with no passenger information  - 0.00 / 8.00

    * Implementation of UI to check whether the UI is designed correctly for displaying N passengers for a valid place  - 0.00 / 6.00

    * Implementation of user inputs for passenger_name, place, no_of_days and no_of_tickets are designed correctly  - 0.00 / 5.00
```