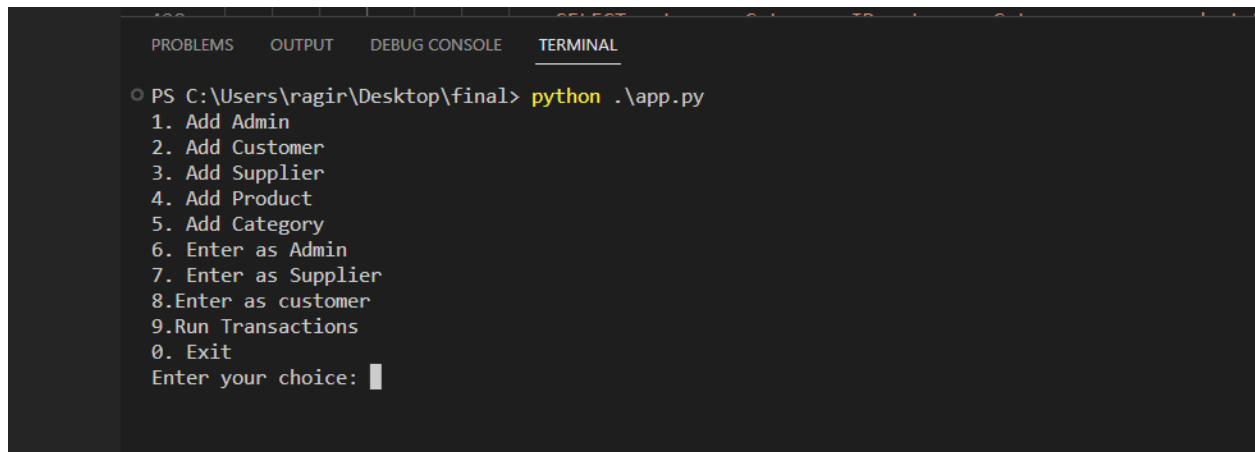

ONLINE RETAIL STORE

Group 102: Saketh Ragirolla 2021092 & Ritisha Singh 2021082

COMMAND LINE INTERFACE

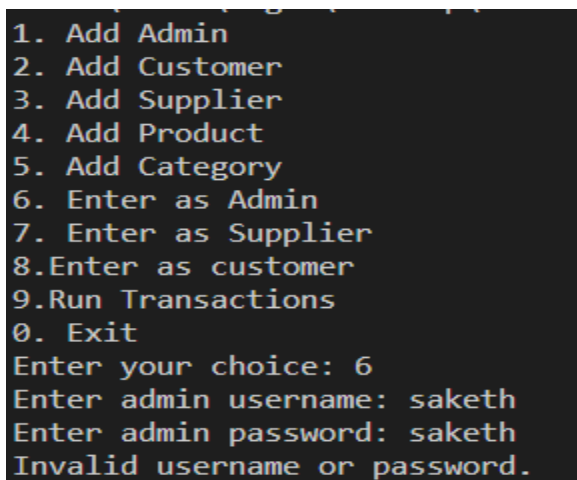
The followings are the images and explanation for the command line interface for our online retail store

1. When the user enters the application the user can enter as Admin, Supplier or customer



```
PS C:\Users\ragir\Desktop\final> python .\app.py
1. Add Admin
2. Add Customer
3. Add Supplier
4. Add Product
5. Add Category
6. Enter as Admin
7. Enter as Supplier
8. Enter as customer
9. Run Transactions
0. Exit
Enter your choice: 
```

2. When the user enters the application as Admin he is asked for the username and password if he enters the wrong input an error message will be displayed and the program is exited



```
1. Add Admin
2. Add Customer
3. Add Supplier
4. Add Product
5. Add Category
6. Enter as Admin
7. Enter as Supplier
8. Enter as customer
9. Run Transactions
0. Exit
Enter your choice: 6
Enter admin username: saketh
Enter admin password: saketh
Invalid username or password.
```

-
3. When the user enters the user name and password that is in the database he will be entered into the application which will then be followed with 13 admin functions that include queries such as deleting customers suppliers and embedded queries

```
WELCOME ADMIN
1. View Suppliers and Products
2. Delete Supplier
3. Delete Delivery Partner
4. View Categories with more than average rating
5. View Customer Details with Payment Information
6. Run triggers
7. View Prime users rating to delivery partners(q1)
8. View orders placed by a customers (q4)
9. View membership details of customers (q12)
10. The Query helps to remove the Delivery Partner whose average rating is less than the 2 and furthermore it fetches the updated Delivery_Partner table.(q13)
0. Exit
```

4. When the user enters as supplier he will be asked for the supplier username and password which then will be searched in the database and a output will be given accordingly

```
1. Add Admin
2. Add Customer
3. Add Supplier
4. Add Product
5. Add Category
6. Enter as Admin
7. Enter as Supplier
8. Enter as customer
9. Run Transactions
0. Exit
Enter your choice: 7
Enter supplier username: saketh
Enter supplier password: saketh
Invalid username or password.
PS C:\Users\ragir\Desktop\final>
```

5. When the user enters the correct supplier password and username he will be given 9 supplier functions which include normal and OLAP queries

```
WELCOME SUPPLIER
1. Show the number of products available in each category
2. Show the top 10 products based on their sales
3. Show the top 5 products based on their average customer ratings
4. Show the total amount spent by each customer on orders
5. Show the customer's address and the delivery partner allotted to him (q2)
6. List the customers whose name starts with 'j' and use credit card for payment(q3)
7. Fetch the Deal Id and the corresponding value of discount that is available to customers per their cart.(q4)
8. View number of orders placed by particular customers(q5)
9. Fetch the details of the customers that use hotmail and have made their payment using "NetBanking" to place an order.(q11)
0. Exit
```

-
6. When the user enters as a customer he will be asked for a password and username which will be checked in the database and if the user exists in the database then he will

```
Enter your choice: 8
Enter customer username: Kay Rasmussen
Enter customer password: BPL33LZM1UU
Login successful.
WELCOME CUSTOMER
1. View all the products available
2. view all the products avilble in the range(Rupess(1000-3000))(q6)
3.View all the products from different catogery but same Brand(q7)
4. Fetch the number of different brand varieties provided by a supplier under each category(q8)
5. Fetch the number of products of a specific brand sold by each Supplier under different categories.(q9)
6. Fetch the number of products provided by each supplier under various Categories.(q10)
Enter your choice: |
```

be allowed to use 6 functions that help him to view the products in the store

7. When the selects to run transactions he will be allowed to run 11 transactions:

```
first three are one set of conflicting transactions and next four are other set of conflicting transactions and rest are normal transaction
1. Run Transaction 1
2. Run Transaction 2
3. Run Transaction 3
-----
4. Run Transaction 4
5. Run Transaction 5
6. Run Transaction 6
7. Run Transaction 7
-----
8. Run Transaction 8
9. Run Transaction 9
10. Run Transaction 10
11. Run Transaction 11
0.EXIT
```
