

Assignment no. 01

TechShop

Output –

1. Add New Customer.

```
PS C:\Users\Vishal Jha\Desktop\01. TechShop> python -
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 1
===== Manage Customers Menu =====
1. Add New Customer
2. View Customer Details
3. Update Customer Information
4. Calculate Total Orders
5. Back to Main Menu
Enter your choice (1-4): 1
Enter First Name :Vishal
Enter Last Name :Jha
Enter email:vishal@mail.com
Enter phone :9876556789
Enter address :Mumbai
--Database Is Connected--
Records Inserted Successfully..
Connection Closed.
```

2. View Customer Details.

```
PS C:\Users\Vishal Jha\Desktop\01. TechShop> python
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 1
===== Manage Customers Menu =====
1. Add New Customer
2. View Customer Details
3. Update Customer Information
4. Calculate Total Orders
5. Back to Main Menu
Enter your choice (1-4): 2
enter customer ID1
--Database Is Connected--

Customer Details:
CustomerID: 1
FirstName: RANJANA
LastName: PATEL
Email: ranjanapatel@gmail.com
Phone: 0000000000
Address: KHANDWA
```

3. Update Customer Information.

```
===== Manage Customers Menu =====
1. Add New Customer
2. View Customer Details
3. Update Customer Information
4. Calculate Total Orders
5. Back to Main Menu
Enter your choice (1-4): 3
--Database Is Connected--

Records In Customer Table
(1, 'RANJANA', 'PATEL', 'ranjanapatel@gmail.com', '0000000000', 'KHANDWA')
(2, 'SHRISTI', 'SHARMA', 'shristisharma@gmail.com', '0000000001', 'BHOPAL')
(3, 'AAYUSHI', 'KARMA', 'aayushikarma@gmail.com', '0000000002', 'KHARGONE')
(4, 'HIMANSHI', 'SAHU', 'himanshisahu@gmail.com', '0000000003', 'BHOPAL')
(5, 'POOJA', 'PANDEY', 'poojapandey@gmail.com', '0000000004', 'KHARGONE')
(6, 'TANISHA', 'JAIN', 'tanishajain@gmail.com', '0000000005', 'REWA')
(7, 'SHUBHAM', 'PATIDAR', 'shubhampatidar@gmail.com', '0000000006', 'BANGLORE')
(8, 'TANMAY', 'CHOUDHARY', 'tanmaychoudhary@gmail.com', '0000000007', 'BHOPAL')
(9, 'NAMAN', 'RAGHUVANSHI', 'namanraghuvanshi@gmail.com', '0000000008', 'CHENNAI')
(10, 'VISHESH', 'SINGH', 'visheshsingh@gmail.com', '0000000009', 'MUMBAI')
(11, 'VISHAL', 'Jha', 'vishal@mail.com', '9876556789', 'Mumbai')
Connection Closed.
Input Customer ID to be Updated: 11
Enter First Name ((Press Enter to skip)):
Enter Last Name ((Press Enter to skip)):
Enter email:(Press Enter to skip)
Enter Phone (Press Enter to skip):
Enter Address (Press Enter to skip): Andheri
--Database Is Connected--
Record updated successfully.
--Database Is Connected--
```

4. Calculate total order by Customer.

```
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 1
===== Manage Customers Menu =====
1. Add New Customer
2. View Customer Details
3. Update Customer Information
4. Calculate Total Orders
5. Back to Main Menu
Enter your choice (1-4): 4
enter customer ID1
--Database Is Connected--
Connection Closed.
Total orders placed by CustomerID 1: 1
===== TechShop Main Menu =====
```

5. View Product Details.

```
PS C:\Users\Vishal Jha\Desktop\01. TechShop> python
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 2
===== Manage Products Menu =====
1. Add New Product
2. View Product Details
3. Update Product Information
4. Back to Main Menu
Enter your choice (1-4): 2
enter product ID2
--Database Is Connected--
Product Details:
ProductID: 2
ProductName: POWER BANK
Description: compact, battery-based device
Price: 120.00
```

6. Update Order Status.

```
PS C:\Users\Vishal Jha\Desktop\01. TechShop> python -u "c:\Users\Vishal
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 3
===== Manage Orders Menu =====
1. Place New Order
2. View Order Details
3. Update Order Status
4. Back to Main Menu
Enter your choice (1-4): 3
enter order ID101
enter new statusDelivered
--Database Is Connected--

Records In Orders Table
-----
(101, 1, datetime.date(2018, 1, 15), Decimal('300.00'))
(102, 2, datetime.date(2018, 3, 20), Decimal('240.00'))
(103, 3, datetime.date(2020, 1, 16), Decimal('120.00'))
(104, 4, datetime.date(2021, 2, 10), Decimal('420.00'))
(105, 5, datetime.date(2021, 3, 18), Decimal('320.00'))
(106, 6, datetime.date(2022, 4, 11), Decimal('100.00'))
(107, 7, datetime.date(2022, 11, 30), Decimal('280.00'))
(108, 8, datetime.date(2023, 1, 22), Decimal('720.00'))
(109, 9, datetime.date(2023, 8, 27), Decimal('220.00'))
(110, 10, datetime.date(2023, 9, 1), Decimal('180.00'))
Connection Closed.
```

7. Update Product Information.

```
PS C:\Users\Vishal Jha\Desktop\01. TechShop> python -u "c:\Users\Vishal Jha\Desktop\01. TechShop\TechShop.py"
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 2
===== Manage Products Menu =====
1. Add New Product
2. View Product Details
3. Update Product Information
4. Back to Main Menu
Enter your choice (1-4): 3
--Database Is Connected--

Records In Products Table
-----
(1, 'HARDDISK', 'computer component that stores data', Decimal('100.00'))
(2, 'POWER BANK', 'compact, battery-based device', Decimal('120.00'))
(3, 'ADAPTER', 'compact, battery-based device', Decimal('140.00'))
(4, 'USB CABLE', 'compact, battery-based device', Decimal('160.00'))
(5, 'PEN DRIVE', 'compact, battery-based device', Decimal('180.00'))
(6, 'EARPHONES', 'compact, battery-based device', Decimal('200.00'))
(7, 'BLUETOOTH SPEAKER', 'compact, battery-based device', Decimal('220.00'))
(8, 'SMARTWATCH', 'compact, battery-based device', Decimal('240.00'))
(9, 'EARBUDS', 'compact, battery-based device', Decimal('260.00'))
(10, 'MOUSE', 'compact, battery-based device', Decimal('300.00'))
Connection Closed.
Input Product ID to be Updated: 1
Enter Product Name ((Press Enter to skip)):Harddrive
Enter Description:(Press Enter to skip)
Enter Price: (Press Enter to skip): 120
--Database Is Connected--
```

8. Add New Product.

```
PROBLEMS 4 OUTPUT TERMINAL PORTS SEARCH ERROR SQL CONSOLE

PS C:\Users\Vishal Jha\Desktop\01. TechShop> python -u "c:\Users\Vishal Jha\Desktop\01. TechShop\TechShop.py"
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 2
===== Manage Products Menu =====
1. Add New Product
2. View Product Details
3. Update Product Information
4. Back to Main Menu
Enter your choice (1-4): 1
Enter Product Name :Iphone
Enter Description:Phone
Enter Price:5000
```

9. Place New Order.

```
PS C:\Users\Vishal Jha\Desktop\01. TechShop> python -u "c:\Users\
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 3
===== Manage Orders Menu =====
1. Place New Order
2. View Order Details
3. Update Order Status
4. Back to Main Menu
Enter your choice (1-4): 1
Enter CustomerID:2
Enter Order Date (YYYY-MM-DD) or leave blank for current date:
Enter TotalAmount:50000
--Database Is Connected--
```

10. View Order Details.

```
PS C:\Users\Vishal Jha\Desktop\01. TechShop> python -u "c:\Users\
===== TechShop Main Menu =====
1. Manage Customers
2. Manage Products
3. Manage Orders
4. Exit
Enter your choice (1-4): 3
===== Manage Orders Menu =====
1. Place New Order
2. View Order Details
3. Update Order Status
4. Back to Main Menu
Enter your choice (1-4): 2
enter order ID101
--Database Is Connected--
```

11. Exiting Shop.

```
Connection closed.  
===== TechShop Main Menu =====  
1. Manage Customers  
2. Manage Products  
3. Manage Orders  
4. Exit  
Enter your choice (1-4): 4  
Exiting TechShop. Goodbye!  
PS C:\Users\Vishal Jha\Desktop\01. TechShop> █
```