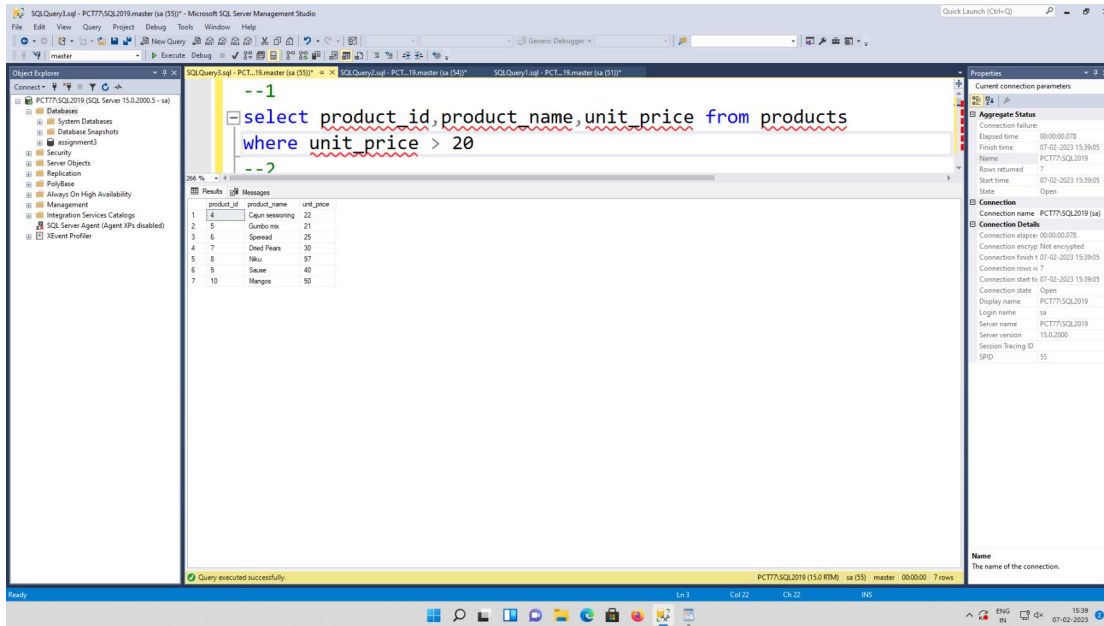


# Assignment-1

1. Write a query to get a Product list (id, name, unit price) where current product cost less than 20



The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The query editor displays the following SQL query:

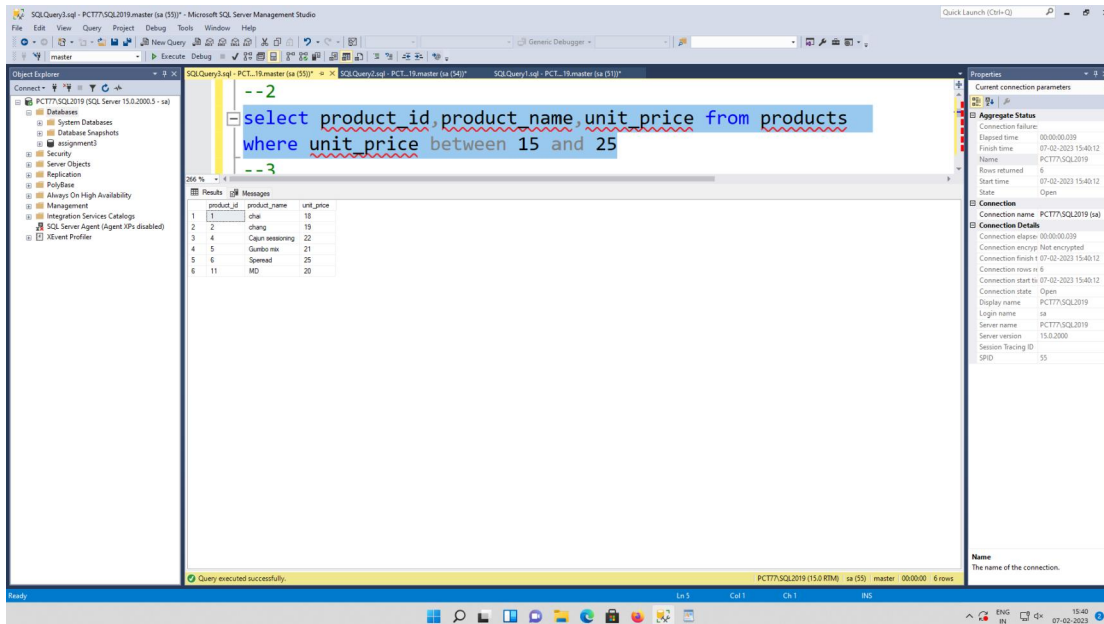
```
--1
select product_id, product_name, unit_price from products
where unit_price < 20
--2
```

The query results are displayed in a table with the following data:

product_id	product_name	unit_price
1	Cajun seasoning	22
2	Gumbo mix	21
3	Spiced	25
4	Dead Peas	30
5	Niku	37
6	Sauce	40
7	Merges	50

The status bar at the bottom indicates "Query executed successfully."

2. Write a query to get product list (id, name, unit price) where product cost between 15 and 25



The screenshot shows the Microsoft SQL Server Enterprise Manager interface. The query editor displays the following SQL query:

```
--2
select product_id, product_name, unit_price from products
where unit_price between 15 and 25
--3
```

The query results are displayed in a table with the following data:

product_id	product_name	unit_price
1	chae	18
2	chang	19
3	Cajun seasoning	22
4	Gumbo mix	21
5	Spiced	25
6	MD	20

The status bar at the bottom indicates "Query executed successfully."

3. write a query to get product list (name, unit price) of above average price



SQL Query Log - PCT777SQL2019.master (sa [55]) - Microsoft SQL Server Enterprise Manager

Query: `--5  
select discontinued, count(discontinued) as [count] from products  
group by discontinued  
--6`

Results:

discontinued	count
1	9
2	2

Properties: Connection name: PCT777SQL2019 (sa)

Aggregate Status: Connection failure: Connection elapsed: 00:00:00.078, Connection encrypt: Not encrypted, Connection finish: 07-02-2023 15:42:49, Name: PCT777SQL2019, Rows returned: 2, Start time: 07-02-2023 15:42:49, State: Open

Connection: Connection name: PCT777SQL2019 (sa), Connection elapsed: 00:00:00.078, Connection encrypt: Not encrypted, Connection finish: 07-02-2023 15:42:49, Connection rows: 2, Connection start to: 07-02-2023 15:42:49, Connection state: Open, Display name: PCT777SQL2019, Login name: sa, Server name: PCT777SQL2019, Server version: 15.0.2000, Session tracing ID: 33

Name: The name of the connection.

6. Write a query to get Product list (name, units on orders, unit in stocks) of stocks is less than the quantity on order

SQL Query Log - PCT777SQL2019.master (sa [55]) - Microsoft SQL Server Enterprise Manager

Query: `--6  
select product name, unit on order, unit in stocks from products  
where unit in stocks < unit on order`

Results:

product_name	unit_on_order	unit_in_stoks
1 Chang	40	17
2 Assesd Synp	70	13
3 Mangas	70	53
4 ND	70	53

Properties: Connection name: PCT777SQL2019 (sa)

Aggregate Status: Connection failure: Connection elapsed: 00:00:00.031, Connection encrypt: Not encrypted, Connection finish: 07-02-2023 15:44:19, Name: PCT777SQL2019, Rows returned: 4, Start time: 07-02-2023 15:44:19, State: Open

Connection: Connection name: PCT777SQL2019 (sa), Connection elapsed: 00:00:00.031, Connection encrypt: Not encrypted, Connection finish: 07-02-2023 15:44:19, Connection rows: 4, Connection start to: 07-02-2023 15:44:19, Connection state: Open, Display name: PCT777SQL2019, Login name: sa, Server name: PCT777SQL2019, Server version: 15.0.2000, Session tracing ID: 33

Name: The name of the connection.

