

Assignment 1

Q-1 Write a query to get a Product list (id, name, unit price) where current products cost less than \$20.

Query2.sql - LAPTO...765FCE8(vipas (54))

```
select ProductID, ProductName, UnitPrice from Products where UnitPrice <= 20;
```

Results

	ProductID	ProductName	UnitPrice
1	1	Chai	18.00
2	2	Chang	19.00
3	3	Aniseed Syrup	10.00
4	13	Konbu	6.00
5	15	Genen Shouyu	15.50
6	16	Pavlova	17.45
7	19	Teatime Chocolate Biscuits	9.20
8	21	Sir Rodney's Scones	10.00
9	23	Tunnbröd	9.00
10	24	Guaraná Fantástica	4.50
11	25	NuNuCa Nuß-Nougat-Creme	14.00
12	31	Gorgonzola Telino	12.50
13	33	Gelbst	2.50
14	34	Sasquatch Ale	14.00
15	35	Steeleye Stout	18.00
16	36	Inlagd Sill	19.00
17	39	Chartreuse verte	18.00
18	40	Boston Crab Meat	18.40
19	41	Jack's New England Clam...	9.65
20	42	Singaporean Hokkien Fried...	14.00
21	44	Gula Malacca	19.45
22	45	Rogede sild	9.50
23	46	Spegesild	12.00
24	47	Zaanse koeken	9.50
25	48	Chocolade	12.75
26	49	Maxilaku	20.00
27	50	Valkoinen suklaa	16.25
28	52	Filo Mix	7.00
29	54	Tourtière	7.45
30	57	Ravioli Angelo	19.50
31	58	Escargots de Bourgogne	13.25
32	66	Louisiana Hot Spiced Okra	17.00

Query executed successfully. LAPTOP-H765FCE8 (16.0 RTM) LAPTOP-H765FCE8(vipas ... Northwind 00:00:00 40 rows

Q-2 Write a query to get Product list (id, name, unit price) where products cost between \$15 and \$25

Query2.sql - LAPTO...765FCE8(vipas (54))

```
select ProductID, ProductName, UnitPrice from Products where UnitPrice between 15 and 25;
```

Results

	ProductID	ProductName	UnitPrice
1	1	Chai	18.00
2	2	Chang	19.00
3	4	Chef Anton's Cajun Seasoning	22.00
4	5	Chef Anton's Gumbo Mix	21.35
5	6	Grandma's Boysenberry Spread	25.00
6	11	Queso Cabrales	21.00
7	14	Tofu	23.25
8	15	Genen Shouyu	15.50
9	16	Pavlova	17.45
10	22	Gustaf's Knäckebröd	21.00
11	35	Steeleye Stout	18.00
12	36	Inlagd Sill	19.00
13	39	Chartreuse verte	18.00
14	40	Boston Crab Meat	18.40
15	44	Gula Malacca	19.45
16	49	Maxilaku	20.00
17	50	Valkoinen suklaa	16.25
18	55	Pâté chinois	24.00
19	57	Ravioli Angelo	19.50
20	65	Louisiana Fiery Hot Pepper Sauce	21.05
21	66	Louisiana Hot Spiced Okra	17.00
22	70	Outback Lager	15.00
23	71	Floernysost	21.50
24	73	Röd Kaviar	15.00
25	76	Lakkalikööri	18.00

Query executed successfully. LAPTOP-H765FCE8 (16.0 RTM) LAPTOP-H765FCE8(vipas ... Northwind 00:00:00 25 rows

Q-3 Write a query to get Product list (name, unit price) of above average price.

The screenshot shows a SQL query window with the following query:

```
select ProductName, UnitPrice from Products where UnitPrice > (select avg(UnitPrice) from Products);
```

The results pane displays a list of 25 products, sorted by unit price in descending order. The status bar at the bottom indicates the query was executed successfully, returning 25 rows.

ProductID	ProductName	UnitPrice
1	Uncle Bob's Organic Dried Pears	30.00
2	Northwoods Cranberry Sauce	40.00
3	Mishi Kobe Niku	97.00
4	Ikura	31.00
5	Queso Manchego La Pastora	38.00
6	Alice Mutton	39.00
7	Camaron de Tigres	62.50
8	Sir Rodney's Marmalade	81.00
9	Gumbär Gummi-Bärchen	31.23
10	Schoggi Schokolade	43.90
11	Rössle Sauerkraut	45.60
12	Thüringer Rostbratwurst	123.79
13	Mascarpone Fabioli	32.00
14	Côte de Blaye	263.50
15	Ipoh Coffee	46.00
16	Manjimup Dried Apples	53.00
17	Perth Pasties	32.80
18	Gnocchi di nonna Alice	38.00
19	Raclette Courdavault	55.00
20	Camembert Pierrot	34.00
21	Tarte au sucre	49.30
22	Veggie-spread	43.90
23	Wimmers gute Semmelknödel	33.25
24	Gudbrandsdalsost	36.00
25	Mozzarella di Giovanni	34.80

Q-4 Write a query to get Product list (name, unit price) of ten most expensive products

The screenshot shows a SQL query window with the following query:

```
select top(10) ProductName, UnitPrice from Products order by UnitPrice desc;
```

The results pane displays a list of the top 10 most expensive products, sorted by unit price in descending order. The status bar at the bottom indicates the query was executed successfully, returning 10 rows.

ProductID	ProductName	UnitPrice
1	Côte de Blaye	263.50
2	Thüringer Rostbratwurst	123.79
3	Mishi Kobe Niku	97.00
4	Sir Rodney's Marmalade	81.00
5	Camaron de Tigres	62.50
6	Raclette Courdavault	55.00
7	Manjimup Dried Apples	53.00
8	Tarte au sucre	49.30
9	Ipoh Coffee	46.00
10	Rössle Sauerkraut	45.60

Q-5 Write a query to count current and discontinued products

The screenshot shows a SQL Server Enterprise Manager window with a query editor and a results pane. The query editor contains the following SQL code:

```
SELECT Count(ProductName)
FROM Products
GROUP BY Discontinued;
```

The results pane shows two rows of data:

	Count
1	69
2	8

The status bar at the bottom indicates "Query executed successfully." and "2 rows".

Q-6 Write a query to get Product list (name, units on order , units in stock) of stock is less than the quantity on order

The screenshot shows a SQL Server Enterprise Manager window with a query editor and a results pane. The query editor contains the following SQL code:

```
SELECT ProductName, UnitsOnOrder , UnitsInStock
FROM Products
WHERE ((UnitsInStock)<(UnitsOnOrder));
```

The results pane shows a list of 14 products with their units on order and units in stock:

ProductName	UnitsOnOrder	UnitsInStock
1 Chang	40	17
2 Aniseed Syrup	70	13
3 Queso Cabrales	30	22
4 Sir Rodney's Scones	40	3
5 Gorgonzola Telino	70	0
6 Mascarpone Fabioli	40	9
7 Gravolax	50	11
8 Rogede sild	70	5
9 Chocolate	70	15
10 Maxilaku	60	10
11 Wimmers gute Semmelknödel	80	22
12 Louisiana Hot Spiced Okra	100	4
13 Scottish Longbreads	10	6
14 Longlife Tofu	20	4

The status bar at the bottom indicates "Query executed successfully." and "14 rows".