

MySQL Assignment - 1

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

```
select ProductID, ProductName, UnitPrice from products where  
UnitPrice < 20 and Discontinued = 'n';
```

	ProductID	ProductName	UnitPrice
▶	1	Chai	18
	2	Chang	19
	3	Aniseed Syrup	10
	13	Konbu	6
	15	Genen Shouyu	15.5
	16	Pavlova	17.45
	19	Teatime Chocolate Biscuits	9.2
	21	Sir Rodney's Scones	10
	23	Tunnbrød	9
	25	NuNuCa Nuget-Nougat-Creme	14
	31	Gorgonzola Telino	12.5
	33	Geitost	2.5
	34	Sasquatch Ale	14
	35	Steeleye Stout	18
	36	Inlagd Sill	19
	39	Chartreuse verte	18
	40	Boston Crab Meat	18.4
	41	Jack's New England Clam Ch...	9.65
	44	Gula Malacca	19.45
	45	Røgede sild	9.5
	46	Spegesild	12
	47	Zaanse koeken	9.5
	48	Chocolade	12.75
	50	Valkoinen suklaa	16.25
	52	Filo Mix	7
	54	Tourtière	7.45
	57	Ravioli Angelo	19.5
	58	Escargots de Bourgogne	13.25
	66	Louisiana Hot Spiced Okra	17
	67	Laughing Lumberjack Lager	14
	68	Scottish Longbreads	12.5
	70	Outback Lager	15
	73	Rød Kaviar	15
	74	Longlife Tofu	10
	75	Rheinbräu Klosterbier	7.75
	76	Ikkalik	18

products 1 x

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

```
select ProductID, ProductName, UnitPrice from products where
UnitPrice>=15 and UnitPrice<=25;
```

	ProductID	ProductName	UnitPrice
▶	1	Chai	18
	2	Chang	19
	4	Chef Anton's Cajun Seasoning	22
	5	Chef Anton's Gumbo Mix	21.35
	6	Grandma's Boysenberry Spread	25
	11	Queso Cabrales	21
	14	Tofu	23.25
	15	Genen Shouyu	15.5
	16	Pavlova	17.45
	22	Gustaf's Knöckebröd	21
	35	Steeleye Stout	18
	36	Inlagd Sill	19
	39	Chartreuse verte	18
	40	Boston Crab Meat	18.4
	44	Gula Malacca	19.45
	49	Maxilaku	20
	50	Valkoinen suklaa	16.25
	55	Pot chinois	24
	57	Ravioli Angelo	19.5
	65	Louisiana Fiery Hot Pepper Sauce	21.05
	66	Louisiana Hot Spiced Okra	17
	70	Outback Lager	15
	71	Flöttemysost	21.5
	73	Red Kaviar	15
	76	Lakkalikööri	18
*	NULL	NULL	NULL

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

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

	ProductName	UnitPrice
▶	Uncle Bob's Organic Dried Pears	30
	Northwoods Cranberry Sauce	40
	Mishi Kobe Niku	97
	Ikura	31
	Queso Manchego La Pastora	38
	Alice Mutton	39
	Carnarvon Tigers	62.5
	Sir Rodney's Marmalade	81
	Gumbör Gummibörchen	31.23
	Schoggi Schokolade	43.9
	Rössle Sauerkraut	45.6
	Thüringer Rostbratwurst	123.79
	Mascarpone Fabioli	32
	Côte de Blaye	263.5
	Ipoh Coffee	46
	Manjimup Dried Apples	53
	Perth Pasties	32.8
	Gnocchi di nonna Alice	38
	Radette Courdavault	55
	Camembert Pierrot	34
	Tarte au sucre	49.3
	Vegie-spread	43.9
	Wimmers gute Semmelknödel	33.25
	Gudbrandsdalsost	36
	Mozzarella di Giovanni	34.8

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

```
select ProductName, UnitPrice from products order by UnitPrice  
desc limit 10;
```

	ProductName	UnitPrice
▶	Côte de Blaye	263.5
	Thüringer Rostbratwurst	123.79
	Mishi Kobe Niku	97
	Sir Rodney's Marmalade	81
	Carnarvon Tigers	62.5
	Radette Courdavault	55
	Manjimup Dried Apples	53
	Tarte au sucre	49.3
	Ipoh Coffee	46
	Rössle Sauerkraut	45.6

5) Query to count current products & Query to count discontinued products

```
select count(*), Discontinued as isDiscontinued from products  
group by Discontinued;
```

	count(*)	isDiscontinued
►	69	n
	8	y

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

```
select ProductName, UnitsOnOrder, UnitsInStock from products where  
UnitsInStock < UnitsOnOrder;
```

	ProductName	UnitsOnOrder	UnitsInStock
►	Chang	40	17
	Aniseed Syrup	70	13
	Queso Cabrales	30	22
	Sir Rodney's Scones	40	3
	Gorgonzola Telino	70	0
	Mascarpone Fabioli	40	9
	Gravad lax	50	11
	Røgede sild	70	5
	Chocolade	70	15
	Maxilaku	60	10
	Wimmers gute Sem...	80	22
	Louisiana Hot Spice...	100	4
	Scottish Longbreads	10	6
	Longlife Tofu	20	4