

SQL Assignment 1

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

Query

select productID,ProductName,UnitPrice from products where UnitPrice<20;

	productID	ProductName	UnitPrice
▶	1	Chai	18.0000
	2	Chang	19.0000
	3	Aniseed Syrup	10.0000
	13	Konbu	6.0000
	15	Genen Shouyu	15.5000
	16	Pavlova	17.4500
	19	Teatime Chocolate Biscuits	9.2000
	21	Sir Rodney's Scones	10.0000
	23	Tunnbrd	9.0000
	24	Guaran Fantstica	4.5000
	25	NuNuCa Nu-Nougat-Creme	14.0000
	31	Gorgonzola Telino	12.5000
	33	Geitost	2.5000
	34	Sasquatch Ale	14.0000
	35	Steeleye Stout	18.0000
	36	Inlagd Sill	19.0000
	39	Chartreuse verte	18.0000
	40	Boston Crab Meat	18.4000
	41	Jack's New England Clam ...	9.6500
	42	Singaporean Hokkien Frie...	14.0000
	44	Gula Malacca	19.4500
	45	Rogede sild	9.5000
	46	Spegesild	12.0000
	47	Zaanse koeken	9.5000
	48	Chocolade	12.7500
	50	Valkoinen suklaa	16.2500
	52	Filo Mix	7.0000
	54	Tourtire	7.4500
	57	Ravioli Angelo	19.5000
	58	Escargots de Bourgogne	13.2500
	66	Louisiana Hot Spiced Okra	17.0000
	67	Laughing Lumberjack Lager	14.0000
	68	Scottish Longbreads	12.5000
	70	Outback Lager	15.0000
	73	Rd Kaviar	15.0000
	74	Longlife Tofu	10.0000
	75	Rhnbru Klosterbier	7.7500
	76	Lakkalikri	18.0000

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

Query

select productID,ProductName,UnitPrice from products where UnitPrice between 15 and 25;

	productID	ProductName	UnitPrice
▶	1	Chai	18.0000
	2	Chang	19.0000
	4	Chef Anton's Cajun Seasoning	22.0000
	5	Chef Anton's Gumbo Mix	21.3500
	6	Grandma's Boysenberry Spread	25.0000
	11	Queso Cabrales	21.0000
	14	Tofu	23.2500
	15	Genen Shouyu	15.5000
	16	Pavlova	17.4500
	22	Gustaf's Knckebrd	21.0000
	35	Steeleye Stout	18.0000
	36	Inlagd Sill	19.0000
	39	Chartreuse verte	18.0000
	40	Boston Crab Meat	18.4000
	44	Gula Malacca	19.4500
	49	Maxilaku	20.0000
	50	Valkoinen suklaa	16.2500
	55	Pt chinois	24.0000
	57	Ravioli Angelo	19.5000
	65	Louisiana Fiery Hot Pepper Sauce	21.0500
	66	Louisiana Hot Spiced Okra	17.0000
	70	Outback Lager	15.0000
	71	Flotemysost	21.5000
	73	Rd Kaviar	15.0000
	76	Lakkalikri	18.0000

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

Query

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

	ProductName	UnitPrice
►	Uncle Bob's Organic Dried Pears	30.0000
	Northwoods Cranberry Sauce	40.0000
	Mishi Kobe Niku	97.0000
	Ikura	31.0000
	Queso Manchego La Pastora	38.0000
	Alice Mutton	39.0000
	Carnarvon Tigers	62.5000
	Sir Rodney's Marmalade	81.0000
	Gumbr Gummibchen	31.2300
	Schoggi Schokolade	43.9000
	Rssle Sauerkraut	45.6000
	Thringer Rostbratwurst	123.7900
	Mascarpone Fabioli	32.0000
	Cte de Blaye	263.5000
	Ipoh Coffee	46.0000
	Manjimup Dried Apples	53.0000
	Perth Pasties	32.8000
	Gnocchi di nonna Alice	38.0000
	Radlette Courdavault	55.0000
	Camembert Pierrot	34.0000
	Tarte au sucre	49.3000
	Vegie-spread	43.9000
	Wimmers gute Semmelknidel	33.2500
	Gudbrandsdalsost	36.0000
	Mozzarella di Giovanni	34.8000

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

Query

select ProductName,UnitPrice from products order by UnitPrice desc Limit 10;

	ProductName	UnitPrice
▶	Cte de Blaye	263.5000
	Thringer Rostbratwurst	123.7900
	Mishi Kobe Niku	97.0000
	Sir Rodney's Marmalade	81.0000
	Carnarvon Tigers	62.5000
	Radette Courdavault	55.0000
	Manjimup Dried Apples	53.0000
	Tarte au sucre	49.3000
	Ipoh Coffee	46.0000
	Rssle Sauerkraut	45.6000

- Write a query to count current and discontinued products.

Query

select Discontinued,count(ProductId) from products group by Discontinued;

Result Grid			Filter Rows:
	Discontinued	count(ProductId)	
▶	0	69	
	1	8	

- Write a query to get product list(name, units on order,unit in stock) of stock is less than the quantity on order.

Query

select productID,UnitsInStock,UnitsOnOrder from products where UnitsInStock < UnitsOnOrder;

	productID	UnitsInStock	UnitsOnOrder
▶	2	17	40
	3	13	70
	11	22	30
	21	3	40
	31	0	70
	32	9	40
	37	11	50
	45	5	70
	48	15	70
	49	10	60
	64	22	80
	66	4	100
	68	6	10
	74	4	20