**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 | Tunnbr�d | 9 |
| 25 | NuNuCa Nu�-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 Chowder | 9.65 |
| 44 | Gula Malacca | 19.45 |
| 45 | R�gede 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 | Tourti�re | 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 | R�d Kaviar | 15 |
| 74 | Longlife Tofu | 10 |
| 75 | Rh�nbr�u Klosterbier | 7.75 |
| 76 | Lakkalik��ri | 18 |
| 77 | Original Frankfurter gr�ne So�e | 13 |

**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 between 15 and 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 Kn�ckebr�d | 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 | P�t� 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 | Fl�temysost | 21.5 |
| 73 | R�d Kaviar | 15 |
| 76 | Lakkalik��ri | 18 |

**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 |
| Gumb�r Gummib�rchen | 31.23 |
| Schoggi Schokolade | 43.9 |
| R�ssle Sauerkraut | 45.6 |
| Th�ringer Rostbratwurst | 123.79 |
| Mascarpone Fabioli | 32 |
| C�te de Blaye | 263.5 |
| Ipoh Coffee | 46 |
| Manjimup Dried Apples | 53 |
| Perth Pasties | 32.8 |
| Gnocchi di nonna Alice | 38 |
| Raclette Courdavault | 55 |
| Camembert Pierrot | 34 |
| Tarte au sucre | 49.3 |
| Vegie-spread | 43.9 |
| Wimmers gute Semmelkn�del | 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 |
| C�te de Blaye | 263.5 |
| Th�ringer Rostbratwurst | 123.79 |
| Mishi Kobe Niku | 97 |
| Sir Rodney's Marmalade | 81 |
| Carnarvon Tigers | 62.5 |
| Raclette Courdavault | 55 |
| Manjimup Dried Apples | 53 |
| Tarte au sucre | 49.3 |
| Ipoh Coffee | 46 |
| R�ssle Sauerkraut | 45.6 |

**5.** Write a query to count current and discontinued products

**select count(\*) from products where Discontinued='y';**

|  |
| --- |
| count(\*) |
| 8 |

**select count(\*) from products where Discontinued='n';**

|  |
| --- |
| count(\*) |
| 69 |

**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,UnitsInStock,UnitsOnOrder from products where UnitsInStock < UnitsOnOrder;**

|  |  |  |
| --- | --- | --- |
| ProductName | UnitsInStock | UnitsOnOrder |
| Chang | 17 | 40 |
| Aniseed Syrup | 13 | 70 |
| Queso Cabrales | 22 | 30 |
| Sir Rodney's Scones | 3 | 40 |
| Gorgonzola Telino | 0 | 70 |
| Mascarpone Fabioli | 9 | 40 |
| Gravad lax | 11 | 50 |
| R�gede sild | 5 | 70 |
| Chocolade | 15 | 70 |
| Maxilaku | 10 | 60 |
| Wimmers gute Semmelkn�del | 22 | 80 |
| Louisiana Hot Spiced Okra | 4 | 100 |
| Scottish Longbreads | 6 | 10 |
| Longlife Tofu | 4 | 20 |