SQL-Assignment-1

create table products(

ProductID int primary key identity(1,1),

ProductName varchar(40) not null,

SupplierID int,

CategaryID int,

QuantityPerUnit int,

UnitPrice int,

UnitsInStock int,

UnitsOnOrder int,

ReorderLevel int,

DiscontiNued bit,

);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Moniter-LG',5,1,5,40,25,18,1,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Moniter-Samsung',1,1,3,37,22,30,2,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Moniter-MI',9,1,8,30,15,10,3,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Moniter-Asus',3,1,3,35,4,6,4,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Moniter-Acer',4,1,6,34,9,2,5,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Keyboard-LG',5,2,10,12,50,32,6,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Keyboard-TVS',6,2,15,16,30,44,7,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Keyboard-Samsung',1,2,5,10,26,20,7,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Keyboard-Acer',4,2,15,13,10,15,9,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Keyboard-Asus',3,2,12,11,25,28,10,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Mouse-Samsung',1,5,10,15,30,19,11,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Mouse-TVS',6,5,12,14,10,23,12,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('Mouse-MI',9,5,5,11,17,15,13,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('CPU-Samsung',1,3,15,50,45,26,14,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('CPU-Asus',3,3,10,45,12,22,15,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('CPU-Acer',4,3,7,53,5,9,16,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('CPU-HP',7,3,8,42,33,30,16,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('CPU-Dell',8,3,4,47,15,5,17,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('headphone-MI',9,6,5,5,45,50,18,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('headphone-TVS',6,6,8,8,23,15,19,1);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('speaker-Boat',10,4,5,10,25,31,20,0);

insert into products (ProductName,SupplierID,CategaryID,

QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('speaker-JBL',12,4,7,15,15,13,16,1);

insert into products (ProductName,SupplierID,CategaryID,

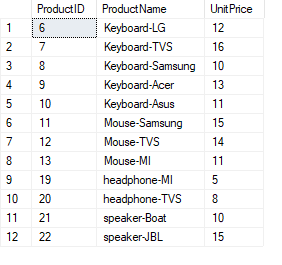
QuantityPerUnit,UnitPrice,UnitsInStock,UnitsOnOrder,ReorderLevel,DiscontiNued)

values('speaker-TVS',6,4,9,20,5,7,22,0);

-- Querys

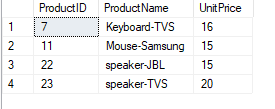
--1).Write a query to get a Product list (id, name, unit price) where current products cost less than $20.

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



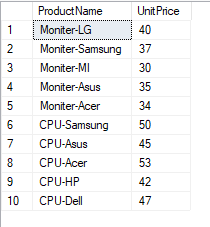
--2).Write a query to get Product list (id, name, unit price) where products cost between $15 and $25

SELECT ProductID,ProductName,UnitPrice FROM products WHERE UnitPrice BETWEEN 15 AND 25;



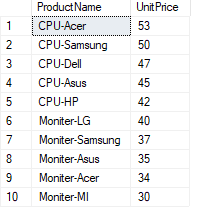
--3).Write a query to get Product list (name, unit price) of above average price.

SELECT ProductName,UnitPrice FROM products WHERE UnitPrice>(SELECT AVG (UnitPrice) FROM products);



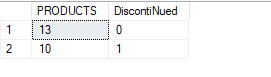
--4).Write a query to get Product list (name, unit price) of ten most expensive products

SELECT TOP 10 ProductName,UnitPrice FROM products ORDER BY UnitPrice DESC;



--5).Write a query to count current and discontinued products

SELECT COUNT(DiscontiNued) AS PRODUCTS ,DiscontiNued FROM products GROUP BY DiscontiNued ;



--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;

