SQL Queries

a) Create a table "**Vendor"** with the following fields

VendorID	Int, Not null, Primary key.	
AccountNumber	varchar(15)	
CompanyName	varchar(50) Not null	
Location	varchar(50) Not null	(City)
CreditRating	tinyint Not null	1 = Superior 2 = Excellent 3 = Above average 4 = Average 5 = Below average
ActiveFlag	bit	0 = Vendor is no longer used. 1 = Vendor is actively used.
PurchasingWebServiceURL	varchar(255)	

b) Create a table " **ProductInventory"** with the following fields

ProductInventoryID	Int, Not null, Primary key.	
ProductID	varchar(15)	
ProductName	varchar(50) Not null	
Location	varchar(50) Not null	(city)
Quantity	int	
UnitPrice	Decimal(9,2)	

c) Create a table "**Sales"** with the following fields

SalesID	Int, Not null, Primary key.	
ProductID	int	
VendorID	int	
SalesDate	DateTime	
Quatity	int	

d) Insert appropriate data to each of the table(Min 10 records)

e) Write queries for the following

   a. Select all vendor details .
   b. Select all Products from Inventory sold on 1-Sep-2011 by vendor 'National Sales Corp'
   c. To get the count of products sold by vendor 'International Merchandise' in the month of Aug 2011.
   d. Select all vendor who have sold for more than the average sales quatity
   e. Insert ProductName, CompanyName, SalesDate into another table
   f. Find average UnitPrice for products manufactured in 'Mysore'(Location)
   g. Find the maximum and minimum products manufactured in 'Mysore'(Location
   h. Alter Table to add column Shipped (bit)to **Sales** table

i. Update **Sales** table to set Shipped to true if sales date is lesser than today.
j. Delete records from **Vendor where** Vendor is no longer used.
k. Alter Table to drop column PurchasingWebServiceURL from **Vendors** table
l. Alter table to change Location from varchar(50) to varchar(255)
m. Select all products whose vendor location is same as product manufacture location

f) Write Stored procedures for the following
   a) Select all ProductName, CompanyName, SalesDate and order by SalesDate to display more recent sales on top.
   b) Insert data to **Sales** table. SP should except params @vendorid, @productid, @quantity, @saledate
   c) Update data in **ProductInventory**. SP should except params @ ProductInventoryID, @productid , @Quantity, @UnitPrice
   d) To update the CreditRating of the **Vendor** who has max sales record for the month of Aug 2011. Use If else state to update record as follow

      1 if sales Quatity is greater than 10000
      2 if sales Quatity is greater than 5000
      3 if sales Quatity is greater than 1000
      4 if sales Quatity is greater than 500
      5 if sales Quatity is less than 500