**SET operators Exercise**

Use North wind database for the following:

1. Write a query to display all the customers, employees and supplier’s names and address details sorted by name.

select [CompanyName],[Address] from [Northwind].[Customers]

union

select concat(firstname,lastname),address from [Northwind].[Employees]

union select [CompanyName],[Address] from [Northwind].[Suppliers]

1. List out the employees who have taken more than 10 orders as ‘high rated employee’ and other employees as ‘moderate employees’.

select t.[EmployeeID],

case when count(t.[EmployeeID])>10 then

'high rated employee'

else 'moderated employee' end as status

from (select employeeid from [Northwind].[Employees]

union all select employeeid from [Northwind].[Orders])t group by [EmployeeID]

1. Write a query to make a report of which employee produced the largest and smallest orders on each date and arrange the order numbers in smallest to the largest number.
2. Find the total sales made by a customer in the month of August and use union to append it with the maximum sale made by him in the same month.
3. List the customer details and order details, who’s orders were delivered by United Package or Federal Shipping.

select c.[CustomerID]

from [Northwind].[Customers] c

left join

[Northwind].[Orders] o on c.[CustomerID]=o.[CustomerID]

left join

[Northwind].[Shippers] s on s.[ShipperID]=o.[ShipVia]

where s.[CompanyName] in ('United package','Federal Shipping')

Use HR database:

1. Write a simple query to retrieve city and state\_province data from the locations table.

select [city],[state\_province]

from [HR].[locations]

1. Using a set operator, write a query to determine names that appear in both the city and the state\_province fields of the location table.

select city from [HR].[locations]

intersect select [state\_province]

from [HR].[locations]

1. Find the employees who belongs to admin department but has no manager using except operator.

select e.employee\_id from [HR].[employees] e

left join [HR].[departments] d on

e.[department\_id]=d.[department\_id]

where d.[department\_name]='Administration'

except

select employee\_id

from [HR].[employees] where

manager\_id is null;