**DDL and DML Lab**

1. Create the following schema and transfer the following tables to it
   1. Company schema
      1. Department table (Programmatically)
      2. Employee table (visually)
2. Delete the primary key of the Employee table. Why it will not work?
   1. Can a Primary key refer to Unique key instead of Foreign key?
3. Display the constraints for the Employee table using 2 different methods (Bonus)
4. Attach AdventureWorks database (Search for attaching a DB).
5. Display the Employee National ID, LoginID, JobTitle from the Employee table (HumanResources Schema) as a report to your manager.
6. Display the Contact Title,FirstName and LastName for those holding Title ‘Ms” OR LastName=’Antrim’
7. Display the SalesOrderID, ShipDate of the SalesOrderHearder table (Sales schema) to designate SalesOrders that occurred within the period ‘7/28/2002’ and ‘7/29/2002’
8. Display only Products(Production schema) with a StandardCost below $110.00 (show ProductID, Name only)
9. Display each product name along with its its sub categoray name and category name.
10. Display any Product with a Name starting with the letter B.
11. Display the Sub Categories that contain products start with B letter (Use Sub Queries).
12. Calculate sum of TotalDue for each OrderDate in Sales.SalesOrderHeader table for the period between '7/1/2001' and '7/31/2001'
13. Calculate the average of the unique ListPrices and category name in the Product table for each product category which have average listPrice>1000