**DQL and Schema Lab**

1. In task day 2 (2.b) Insert at least 3 records in each table from the data shown in the above image.
2. Try update and Delete on the previous data.
   1. Testing Referential Integrity:
      1. Add new employee with EmpNo =11111 In the works\_on table [Is there error what is it].
      2. Change the employee number 10102 to 11111 in the works on table [is there error what is it].
      3. Modify the employee number 10102 in the employee table to 22222. [is there error what is it].
      4. Delete the employee with id 10102
3. Attach AdventureWorks database (Search for attaching a DB).
4. Display the Employee National ID, LoginID, JobTitle from the Employee table (HumanResources Schema) as a report to your manager.
5. Display the Contact Title,FirstName and LastName for those holding Title ‘Ms” OR LastName=’Antrim’
6. 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’
7. Display only Products(Production schema) with a StandardCost below $110.00 (show ProductID, Name only)
8. Display each product name along with its its sub categoray name and category name.
9. Display any Product with a Name starting with the letter B.
10. Display the Sub Categories that contain products start with B letter (Use Sub Queries).
11. Calculate sum of TotalDue for each OrderDate in Sales.SalesOrderHeader table for the period between '7/1/2001' and '7/31/2001'
12. Calculate the average of the unique ListPrices and category name in the Product table for each product category which have average listPrice>1000