SQLServer Lab

Note: Use ITI DB

1. Create a view that displays student full name, course name if the student has a grade more than 50.

2. Create an Encrypted view that displays manager names and the topics they teach.

3. Create a view that will display Instructor Name, Department Name for the 'SD' or 'Java' Department "use Schema binding" and describe what is the meaning of Schema Binding

4. Create a view "V1" that displays student data for student who lives in Alex or Cairo.
   Note: Prevent the users to run the following query
       Update V1 set st_address='tanta'
       Where st_address='alex';

5. Create index on column (Hiredate) that allow u to cluster the data in table Department. What will happen?

6. Create index that allow u to enter unique ages in student table. What will happen?

7. Create temporary table [Session based] on Company DB to save employee name and his today task.

8. Create a view that will display the project name and the number of employees work on it. "Use Company DB"

9. Using Merge statement between the following two tables [User ID, Transaction Amount]

Daily Transactions

1	1000
2	2000
3	1000

Last Transactions

1	4000
4	2000
2	10000

Part 2: use CompanyDB

1) Create view named "v_clerk" that will display employee#,project#, the date of hiring of all the jobs of the type 'Clerk'.

2) Create view named "v_without_budget" that will display all the projects data without budget

3) Create view named "v_count " that will display the project name and the # of jobs in it

4) Create view named " v_project_p2" that will display the emp# s for the project# 'p2' use the previously created view "v_clerk"

5) modifey the view named "v_without_budget" to display all DATA in project p1 and p2

6) Delete the views "v_ clerk" and "v_count"

7) Create view that will display the emp# and emp lastname who works on dept# is 'd2'
8) Display the employee lastname that contains letter "J"
   Use the previous view created in Q#7

9) Create view named "v_dept" that will display the department# and department name
10) using the previous view try enter new department data where dept# is 'd4' and dept name is 'Development'

11) Create view name "v_2006_check" that will display employee#, the project #where he works and the date of joining the project which must be from the first of January and the last of December 2006.this view will be used to insert data so make sure that the coming new data must match the condition