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

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

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

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

8. Using Merge statement between the following two tables [User ID, Transaction Amount] (Daily Amount) , (User Balance)

Daily Transactions

1	1000
2	2000
3	1000

Last Transactions

1	4000
4	2000
2	10000

9. Display Course Name , Student Full Name with Grade

In each course with name of leading student and lag student in each course