SQLServer Lab2

**Part 1: Use ITI DB**

1. Create a view that displays the student's full name, and course name if the student has a grade of more than 50.
2. Create an Encrypted view that displays manager names and the topics they teach.
3. Create a view “V1” that displays student data for a student who lives in Alex or Cairo.

Note: Prevent the users from running the following query

Update V1 set st\_address=’tanta’ Where st\_address=’alex’.

**Part 3: Use Company DB**

1. Fill the Create a view “v\_Emp\_Projec” that will display the project name and the number of employees working on it
2. Create a view named “v\_count “ that will display the project name and the number of hours for each one
3. Create a view named ” v\_project\_30H” that will display the project name for the project that'll last for less than 30 hours, use the previously created view “v\_count”
4. Delete the views “v\_project\_30H” and “v\_count”
5. Display the project name that contains the letter “c” Use the previous view created in “v\_Emp\_Project”
6. Add a new column Enter\_Date in Works\_for and insert it with some dates then create view name “v\_2021\_check” that will display employee no., which must be from the first of January and the last of December 2021.

Note: this view will be used to insert data so make sure that the coming new data matches the condition

1. Create a temporary table [Session-based] to save the employee's name and birth date.