**Day 7 Lab**

1. Create a stored procedure to show the number of students per department.[use ITI DB]
2. Create a stored procedure that will check for the number of employees in the project p1 if they are more than 3 print message to the user “'The number of employees in the project p1 is 3 or more'” if they are less display a message to the user “'The following employees work for the project p1'” in addition to the first name and last name of each one. [Company DB]
3. Create a stored procedure that will be used in case there is an old employee has left the project and a new one become instead of him. The procedure should take 3 parameters (old Emp. number, new Emp. number and the project number) and it will be used to update works\_on table. [Company DB]
4. Create a trigger that prevents the insertion Process for Employee table in March [Company DB].
5. Create a trigger to prevent anyone from inserting a new record in the Department table [ITI DB]

“Print a message for user to tell him that he can’t insert a new record in that table”

1. Create a trigger on student table after insert to add Row in Student Audit table (Server User Name, Date, Note) where note will be “[username] Insert New Row with ID=[ID Value] in table Student”

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| --- | --- | --- | --- | --- |
| Server User Name | |  |  | | --- | --- | |  | Date | | Note |
|  |  |  |

1. Create a trigger on student table instead of delete to add Row in Student Audit table (Server User Name, Date, Note) where note will be“[username] try to delete Row with ID=[ID Value]”
2. Create a transaction with 2 save point.
3. Try handling error using Raiserror and Try/Catch.