Assignment – 9

Note : this assignment will be focused on the Stored Procedure. Apart from creating the procedure, this will also focus to write the complex query.

I am only one question, but this question, will be good enough to consume good amount of time and efforts.

1. During classes, we have created certain tables like Employee and Department and both the tables were in relationship of Primary Key and Foreign Key. I am giving you some scripts through which you can create the same tables and load the data into it. I’ll upload the SQL Script at the GIT Repo.

Create table tblDepartment

(

ID int primary key,

DepartmentName nvarchar(50),

Location nvarchar(50),

DepartmentHead nvarchar(50)

)

Go

Insert into tblDepartment values (1, 'IT', 'London', 'Rick')

Insert into tblDepartment values (2, 'Payroll', 'Delhi', 'Ron')

Insert into tblDepartment values (3, 'HR', 'New York', 'Christie')

Insert into tblDepartment values (4, 'Other Department', 'Sydney', 'Cindrella')

Go

Create table tblEmployee

(

ID int primary key,

Name nvarchar(50),

Gender nvarchar(50),

Salary int,

DepartmentId int foreign key references tblDepartment(Id)

)

Go

Insert into tblEmployee values (1, 'Tom', 'Male', 4000, 1)

Insert into tblEmployee values (2, 'Pam', 'Female', 3000, 3)

Insert into tblEmployee values (3, 'John', 'Male', 3500, 1)

Insert into tblEmployee values (4, 'Sam', 'Male', 4500, 2)

Insert into tblEmployee values (5, 'Todd', 'Male', 2800, 2)

Insert into tblEmployee values (6, 'Ben', 'Male', 7000, 1)

Insert into tblEmployee values (7, 'Sara', 'Female', 4800, 3)

Insert into tblEmployee values (8, 'Valarie', 'Female', 5500, 1)

Insert into tblEmployee values (9, 'James', 'Male', 6500, NULL)

Insert into tblEmployee values (10, 'Russell', 'Male', 8800, NULL)

Go

1. Now, once your tables are ready, you have to create a procedure which will insert the data into Employee Table. Keep below conditions in place:
   1. Procedure should take parameters as EMPID,EMPNAME,GENDER,SALARY,**DEPARTMENTNAME**
   2. Remember, in employee table we have department ID, so if to procedure you are passing department name , then it will during execution itself, will bring/fetch the departmentID from the table Department.
   3. Now, lets say , if I am passing department name which is not in tableDepartment, then you will first insert the data in tableDepartment and then you will insert the data in table Employee because they are in relationship