ACCOLITE UNIVERSITY, JULY 2020
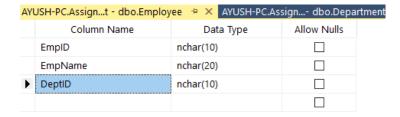# ADO.Net
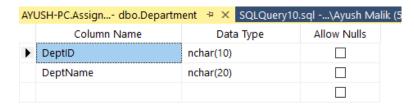# Assignment Submission

By: Ayush Malik

Database Description

I have created 2 tables in my database: Employee and Department. I have created 3 stored procedures in my database: insert_into_department, delete_from_employee and department_of_employees. Tables' description and procedures' source code has been given below.

The structure of the tables can be easily understood from these images.

Employee Table

AYUSH-PC.Assign...t - dbo.Employee	AYUSH-PC.Assign...- dbo.Department	
Column Name	Data Type	Allow Nulls
EmpID	nchar(10)	☐
EmpName	nchar(20)	☐
▶ DeptID	nchar(10)	☐
		☐

Department Table

AYUSH-PC.Assign...- dbo.Department	SQLQuery10.sql -...\Ayush Malik (5	
Column Name	Data Type	Allow Nulls
▶ DeptID	nchar(10)	☐
DeptName	nchar(20)	☐
		☐

Procedure 1: insert_into_department

This procedure accepts a department id and department name as parameter and inserts it as a new row in the department table.

```
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- =============================================
-- Author:          <Author,,Ayush Malik>
-- Description:     <Remove a Record from Employee Table>
-- =============================================
CREATE PROCEDURE delete_from_employee
      -- Add the parameters for the stored procedure here
      @EmpID nvarchar(10)
AS
BEGIN
      -- SET NOCOUNT ON added to prevent extra result sets from
      -- interfering with SELECT statements.
      SET NOCOUNT ON;
      -- Insert statements for procedure here
      Delete from Employee where EmpID=@EmpID;
END
GO
```

Procedure 2: delete_from_employee

This procedure accepts an employee id as a parameter and deletes the record of the employee whose id matches the one given in the parameter.

```
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- =============================================
-- Author:          <Author,,Ayush Malik>
-- Description:     <Remove a Record from Employee Table>
-- =============================================
CREATE PROCEDURE delete_from_employee
      -- Add the parameters for the stored procedure here
      @EmpID nvarchar(10)
AS
BEGIN
      -- SET NOCOUNT ON added to prevent extra result sets from
      -- interfering with SELECT statements.
      SET NOCOUNT ON;
      -- Insert statements for procedure here
      Delete from Employee where EmpID=@EmpID;
END
GO
```

Procedure 3: department_of_employees

This procedure displays the name of the employees, the id of the employees along with the name of the department in which they work.

```
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- =============================================
-- Author:          <Author,,Ayush Malik>
-- Description:     <Display the name of the Department of each Employee>
-- =============================================
CREATE PROCEDURE department_of_employees
        -- Add the parameters for the stored procedure here

AS
BEGIN
        -- SET NOCOUNT ON added to prevent extra result sets from
        -- interfering with SELECT statements.
        SET NOCOUNT ON;
        -- Insert statements for procedure here
        select EmpID,EmpName,DeptName from Employee,Department where
        Employee.DeptID=Department.DeptID;
END
GO
```