

Assignments - 10/23/2025

- 1) Write a program to connect to SQL Server, read data from Employee table
Create a table Employee(Id, Name, Salary) and perform Insert, Update, and Delete using ADO.NET.
- 2) Display all rows from the Employee table using SqlDataReader.
- 3) Display the total employee count using ExecuteScalar().
- 4) Display all rows from the Employee table using disconnected mode.
Display all employees and their Name, Salary.
- 5) Use SqlDataAdapter and DataSet to retrieve all employees.
Modify data in the DataSet and update the database using da.Update().
- 6) Create a parameterized inline query to insert new students (avoid SQL injection).
Create a table Student(Id, Name, Class)
- 7) Create a parameterized procedure to get student using stored procedure
"GetStudentById" with input parameter(@StudentId) and get students where
studentid = 1 from program and print
- 8) Create a parameterized procedure to insert a student using stored procedure
"InsertStudent" with input parameters (Name, Class) and output parameter last
inserted student id(@LastInsertedId) then print that id.
- 9) Create a parameterized procedure to delete a student using stored procedure
"DeleteStudent" with input parameters (@StudentId) and print student deleted
successfully or not.
- 10) Create a parameterized procedure to update a student using stored procedure
"UpdateStudent" with input parameters (@StudentId, @StudentName, @Class) and
print student updated successfully or not.