**ADO.NET CRUD OPERATION**

using System;

using System.Data.SqlClient;

namespace Crudop

{

internal class Program

{

static void Main(string[] args)

{

SqlConnection sqlConnection; //create System.Data.SqlClient

string connectionString = @"Data Source=MyVM;Initial Catalog=Adocrud;Integrated Security=True";

// for connect to db..... Windows Authentication

try

{

sqlConnection = new SqlConnection(connectionString);

sqlConnection.Open(); //open db connection

Console.WriteLine("Connection Established Successfully");

Console.WriteLine("Select from the option below\n 1.create\n 2.retrive\n 3.update\n 4.Delete\n 5.EmpSalary");

int Choice = int.Parse(Console.ReadLine());

switch (Choice)

{

case 1:

////create

Console.WriteLine("Enter Employee ID");

int EmpId = int.Parse(Console.ReadLine());

Console.WriteLine("Enter Employee Name");

String EmpName = Console.ReadLine();

Console.WriteLine("Enter Employee SALARY");

int EmpSalary = int.Parse(Console.ReadLine());

// query for insert details into table

string insertQuery = "insert into Employee(EmpId,EmpName ,EmpSalary)VALUES (" + EmpId + ",'" + EmpName + "'," + EmpSalary + " )";

SqlCommand insertcommand = new SqlCommand(insertQuery, sqlConnection);// create object

insertcommand.ExecuteNonQuery(); //execute sql qurey doen't Retuen any data

Console.WriteLine("Data is inserted Successfully");

break;

case 2:

// retiving data

string displayQuery = "Select \* from Employee";

SqlCommand displaycommand = new SqlCommand(displayQuery, sqlConnection);

SqlDataReader datareader = displaycommand.ExecuteReader();// featch data from table or retriving data from table

while (datareader.Read())

{

Console.WriteLine("EmpID:" + datareader.GetValue(0).ToString());

Console.WriteLine("EmpName:" + datareader.GetValue(1).ToString());

Console.WriteLine("EmpSalary:" + datareader.GetValue(2).ToString());

}

datareader.Close();

break;

case 3:

// update

//int ID;

//string NAME;

//int SALARY;

Console.WriteLine("Enter Employee id which you would like to update");

EmpId = int.Parse(Console.ReadLine());

//Console.WriteLine("Enter Employee Name which you want to update ");

//NAME = Console.ReadLine();

Console.WriteLine("Enter the Salary which you want to update ");

EmpSalary = int.Parse(Console.ReadLine());

string updateQuery = "update Employee SET SALARY = " + EmpSalary + " WHERE ID =" + EmpId + " ";

SqlCommand updatecommand = new SqlCommand(updateQuery, sqlConnection);

updatecommand.ExecuteNonQuery();

Console.WriteLine("Data updated successfully");

break;

case 4:

//DELETE OPERATION

// ID;

Console.WriteLine("Enter the ID of record that is to be deleted ");

EmpId = int.Parse(Console.ReadLine());

//NAME = Console.ReadLine();

string deleteQuery = "Delete from Employee where ID= " + EmpId;

SqlCommand deletecommand = new SqlCommand(deleteQuery, sqlConnection);

deletecommand.ExecuteNonQuery();

Console.WriteLine("Record deleted Successfully ");

sqlConnection.Close(); // close db connection

break;

case 5:

string displayQuery1 = "Select \* from Employee Where EmpSalary >= 10000";

SqlCommand displaycommand1 = new SqlCommand(displayQuery1, sqlConnection);

SqlDataReader datareader1 = displaycommand1.ExecuteReader();// featch data from table or retriving data from table

while (datareader1.Read())

{

Console.WriteLine("EmpID:" + datareader1.GetValue(0).ToString());

Console.WriteLine("EmpName:" + datareader1.GetValue(1).ToString());

Console.WriteLine("EmpSalary:" + datareader1.GetValue(2).ToString());

}

datareader1.Close();

break;

default:

Console.WriteLine("invalid input");

break;

}

}

catch (Exception ex)

{

Console.WriteLine(ex.Message);

}

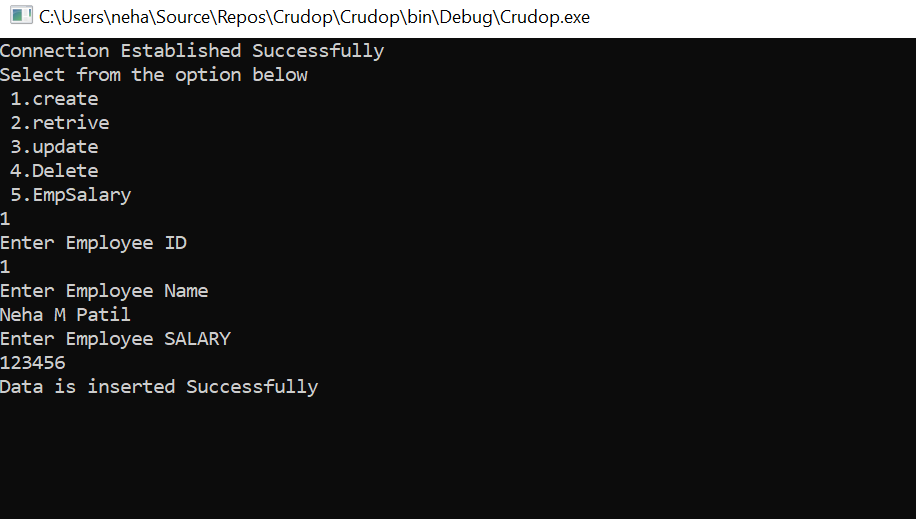
Console.ReadKey();

}

}

}

**OUTPUT**

****

