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using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Data.SqlClient;
using System.Data;

namespace MilestoneAssessment
{
    internal class Program
    {
        static void Main(string[] args)
        {
            String connectionString = ("Data Source = ML - RefVm - 283861\\SQLEXPRESS; Initial Catalog = ABC_COMPANY;
Integrated Security = True");
            SqlConnection conn = new SqlConnection(connectionString);
            conn.Open();
            string EMPLOYEE_NAME;
            int EMP_NO;
            SqlParameter p1;
            Console.WriteLine("Welcome to our ABC Company");
            Console.WriteLine("What operation you want to do");
            Console.WriteLine("1.Insert 2.Update 3.Delete 4.SelectAll");
            Console.WriteLine("which table you want to insert your data A DEPARTMENT B EMPLOYEE C PROJECT");
            int caseSwitch = Convert.ToInt32(Console.ReadLine());
            switch (caseSwitch)
            {
                case 1:
                    Console.WriteLine("case 1");
                    Console.WriteLine("please enter employee name");
                    EMPLOYEE_NAME = Console.ReadLine();
                    Console.WriteLine("please enter employee id");
                    EMP_NO = int.Parse(Console.ReadLine());
                    SqlCommand cmd = conn.CreateCommand();
                    cmd.CommandText = "insertSP";
                    cmd.CommandType = CommandType.StoredProcedure;
                    cmd.Parameters.Add("@employeeename",
                        SqlDbType.VarChar, 50).Value = EMPLOYEE_NAME;
                    cmd.Parameters.Add("@employeeid",
                        SqlDbType.VarChar, 50).Value = EMP_NO;
                    int i = cmd.ExecuteNonQuery();
                    if (i > 0)
                    {
                        Console.WriteLine("inserted successfully");
                    }
                    break;
                case 2:
                    Console.WriteLine("case 2");
                    Console.WriteLine("enter the record number which one you want to update");
                    Console.WriteLine("please enter employee name");
                    EMPLOYEE_NAME = Console.ReadLine();
                    Console.WriteLine("please enter employee id");
                    EMP_NO = int.Parse(Console.ReadLine());
                    SqlCommand cmdupdate = new SqlCommand("updateSP", conn);

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cmdupdate.CommandType = CommandType.StoredProcedure;
p1 = new SqlParameter("@employee_id", SqlDbType.Int);
p1.Value = Convert.ToInt32(EMP_NO); cmdupdate.Parameters.Add(p1);
p1 = new SqlParameter("@employee_name", SqlDbType.Int);
p1.Value = EMPLOYEE_NAME; p1 = new SqlParameter("@emp_id", SqlDbType.Int);
p1.Value = EMP_NO;
cmdupdate.Parameters.Add(p1);
i = cmdupdate.ExecuteNonQuery();
if (i > 0)
{
    Console.WriteLine("update successfully");
}
break;
case 3:
    Console.WriteLine("case 3");
    Console.WriteLine("enter the record number which one you want to delete");
    EMP_NO = Convert.ToInt32(Console.ReadLine()); SqlCommand cmddelete = new SqlCommand("deleteSP",
conn);

    cmddelete.CommandType = CommandType.StoredProcedure;
    p1 = new SqlParameter("@employee_id", SqlDbType.Int);
    p1.Value = Convert.ToInt32(EMP_NO);
    i = Convert.ToInt32(cmddelete.ExecuteNonQuery());
    if (i > 0)
    {
        Console.WriteLine("update successfully");
    }
    break;

case 4:
    Console.WriteLine("case 4");
    Console.WriteLine("enter the record number which one you want to update");
    Console.WriteLine("please enter employee name");
    EMPLOYEE_NAME = Console.ReadLine();
    Console.WriteLine("please enter employee id");
    EMP_NO = int.Parse(Console.ReadLine());
    SqlCommand cmdselectAll = new SqlCommand("selectAllSP", conn);
    cmdselectAll.CommandType = CommandType.StoredProcedure;
    p1 = new SqlParameter("@employee_id", SqlDbType.Int);
    p1.Value = Convert.ToInt32(EMP_NO); cmdselectAll.Parameters.Add(p1);
    p1 = new SqlParameter("@employee_name", SqlDbType.Int);
    p1.Value = EMPLOYEE_NAME; p1 = new SqlParameter("@emp_id", SqlDbType.Int);
    p1.Value = EMP_NO;
    cmdselectAll.Parameters.Add(p1);
    i = cmdselectAll.ExecuteNonQuery();
    if (i > 0)
    {
        Console.WriteLine("select all successfully");
    }
    break;
}
}

```

}
}