

Example - to delete a record of user choice

Enter <sup>Emp Id</sup>  
~~any~~

Delete

Code:-

Using System.Data.SqlClient;

Private void btnDelete\_Click (Object sender, EventArgs e)

{

String con;

con.Open();

SqlCommand cmd;

String Query = "Delete Emp details Where EmpId=" +  
txtEmpId.Text;

cmd = new SqlCommand(Query, con);

cmd.CommandType = CommandType.Text;

int Rows = cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show(Rows + "Record(s) Deleted");

}

Note:- Delete Emp details Where EmpId = <sup>2</sup>108

<sup>4</sup>

String Query = "Delete Emp details Where EmpId=" +  
txtEmpId.Text;

\* Exercise -> delete a record of: user choice.

Enter designation

Delete

Syntax:-

delete Empdetails Where Designation 'Developer'<sub>3</sub>

Example:-

"delete Empdetails Where Designation=" + txtDesignation.  
Text + " " "

Code:-

using system.data.sql client;

private void btn delete - click (object sender, EventArgs e)

{  
string sql con string = "server = ; Integrated Security  
= SSIP";

sql connection con = new sql connection (sql con string);  
con.open();

sql command cmd;

string query = "Delete Empdetails Where Designation = " +  
txt designation.Text + " " " ;

cmd = new sql command (query, con);

cmd.Command Type = Command Type.Text;

int Rows = cmd.Execute Non Query ();

con.close ();

Message box.show (Rows + "Record(s) deleted");

}

Example - to perform insert update delete operations on database table using non parameterized query Method.

Enter Emp Id

Enter EName

Enter Designation

Enter DOS

Enter Salary

Enter Dept No

Insert

Update

Delete

Clear

Code:-

Using system.data.~~client~~ & Sql Client;

Private void btnInsert\_Click(object sender, EventArgs e)

~~Conn.Open~~

String sqlConString = "Server ; Integrated Security  
=SSIP ; Database=" ;

Sql Connection con = new Sql Connection (sqlConString);

con.open();

Sql Command cmd;

String query = "Insert into Emp details Values (" +  
txtEmpId.Text + ", '" + txtEName.Text + "', '" +  
txtDesignation.Text + "', '" + txtDOS.Text + "', '" +



txtSalary.Text + ";" + txtdeptno.Text + ")";

cmd = new SqlCommand (Query, con)

cmd.CommandType = CommandType.Text;

int Rows = cmd.ExecuteNonQuery();

con.Close();

messageBox.Show (Rows + " Record(s) Inserted");

Insert into Empdetails Values (108, 'Abhinav', 'DB

Programmer', '01/01/2023', 50000, 40)

Update Empdetails Set EName = 'Abhinav', Designation =

'DB Programmer', DOJ = '01/01/2023', Salary = 50000,

Dept No = 40 Where Emp Id = 108

~~Code to continue~~

~~Private void btnUpdate\_Click (Object Sender, EventArgs e)~~

2nd method:

using system.data.sqlclient;

SqlConnection con;

SqlCommand cmd;

int Rows;

string Query;

Private void Form5\_Load (Object Sender, EventArgs e)

{

string sqlConString = "Server = ; Userid = ;

Con = new Sql Connection (sqlcon string);

}

Private void btnInsert - click (object sender, EventArgs e)

{

Con.Open();

Query = "Insert into Emp details values(" + txtEmpId.Text  
+ ", ' " + txtName.Text + " ', ' " + txtDesignation.Text  
+ " ', ' " + txtDOJ.Text + " ', ' " + txtSalary.Text + " ',  
txtDeptNo.Text + ")";

Cmd = new SqlCommand (Query, Con);

Cmd.CommandType = CommandType.Text;

ROWS = Cmd.ExecuteNonQuery();

Con.Close();

Message box.Show (ROWS + " Records Inserted");

}

Private void btnUpdate - click ( )

{

Con.Open();

Query = "Update Emp details Set Name = ' " + txtName.Text  
+ " ', Designation = ' " + txtDesignation.Text + " ', DOJ = ' "  
+ txtDOJ.Text + " ', Salary = ' " + txtSalary.Text +  
" ', DeptNo = ' " + txtDeptNo.Text + " ' Where EmpId = " +  
txtEmpId.Text;

Cmd = new SqlCommand (Query, Con);

Cmd.CommandType = CommandType.Text;

ROWS = Cmd.ExecuteNonQuery();

Con.Close();

Message box.Show (ROWS + " Record(s) updated");

}

```

Private void btn delete - click (    "    )
{
    Con.Open();
    Query = "delete Emp details Where Emp Id=" + txtEmpId.
        Text;
    cmd = new Sql Command (Query, Con);
    cmd.Command Type = Command Type.Text;
    Rows = cmd.Execute Non Query ();
    Con.Close();
    Message box.Show (Rows + "Record(s) deleted");
}

```

```

Private void btn clear - click (    "    )
{
    foreach (Control C in this.Controls)
    {
        if (C is TextBox)
            C.Text = " ";
    }
}

```

### Exercise Examples :-

DBName → Products

Table Name → Items

Item Id → int PK → Text Box

Item Name → varchar (20) → "

Item Type → varchar (20) → Combo box → Electronics  
house holds

Item price → money → Text box → Groceries

Item description → varchar (50) → "

Item Rating → float → "

Item manufacturer → varchar (30) → CB → LG

Item Quantity available → int → Text box → Samsung