

Disconnected database

Form declaration:

```
using System.Data.SqlClient; //namespaces
SqlConnection con;
SqlCommand cmd;
SqlDataAdapter da;
DataSet ds = new DataSet();
DataRow dr;
SqlCommandBuilder cmb;
int i, t;
```

display function:

```
public void display()
{
    textBox1.Text = ds.Tables["abc"].Rows[i][0].ToString();
    textBox2.Text = ds.Tables["abc"].Rows[i][1].ToString();
    textBox3.Text = ds.Tables["abc"].Rows[i][2].ToString();
    textBox4.Text = ds.Tables["abc"].Rows[i][3].ToString();
}
```

Form load:

```
private void Form1_Load(object sender, EventArgs e)
{
    con=new SqlConnection("Data
Source=(LocalDB)\v11.0;AttachDbFilename=D:\\Pratik\\WindowsFormsApplication2\\WindowsF
ormsApplication2\\empdata.mdf;Integrated Security=True");
    cmd = new SqlCommand("select * from emp",con);
    da = new SqlDataAdapter(cmd);
    da.Fill(ds, "abc");
    t = ds.Tables["abc"].Rows.Count;
    display();
}
```

Form runnable:

First record:

```
private void button1_Click(object sender, EventArgs e)
{
    i = 0;
    display();
}
```

Next record:

```
private void next_Click(object sender, EventArgs e)
{
    if (i == t-1)
    {
        MessageBox.Show("this is last record");
    }
    else
    {
        i = i + 1;
    }
}
```

```

        display();
    }
}

```

Previous record:

```

private void previous_Click(object sender, EventArgs e)
{
    if (i == 0)
    {
        MessageBox.Show("this is first record");
    }
    else
    {
        i = i - 1;
        display();
    }
}

```

Last record:

```

private void last_Click(object sender, EventArgs e)
{
    i = t - 1;
    display();
}

```

New button:

```

private void new_rec_Click(object sender, EventArgs e)
{
    textBox1.Text = "";
    textBox2.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";
}

```

Insert button:

```

private void save_Click(object sender, EventArgs e)
{
    dr = ds.Tables["abc"].NewRow();
    dr[0] = textBox1.Text;
    dr[1] = textBox2.Text;
    dr[2] = textBox3.Text;
    dr[3] = textBox4.Text;
    ds.Tables["abc"].Rows.Add(dr);
    cmb = new SqlCommandBuilder(da);
    da.Update(ds.Tables["abc"]);
    MessageBox.Show("reocord is inserted");
}

```

Update button:

```

private void update_Click(object sender, EventArgs e)

```

```

{
    dr = ds.Tables["abc"].Rows[i];
    dr[1] = textBox2.Text;
    dr[2] = textBox3.Text;
    dr[3] = textBox4.Text;
    cmb = new SqlCommandBuilder(da);
    da.Update(ds.Tables["abc"]);
    MessageBox.Show("reocrd updated");
}

```

Delete button:

```

private void delete_Click(object sender, EventArgs e)
{
    ds.Tables["abc"].Rows[i].Delete();
    cmb = new SqlCommandBuilder(da);
    da.Update(ds.Tables["abc"]);
    MessageBox.Show("reocrd deleted");
}

```

Form design:

The screenshot shows a Windows Form titled "Form1" with a standard Windows XP-style title bar (minimize, maximize, close buttons). The form contains the following elements:

- Four text boxes for data entry, each preceded by a label: "Emp no:", "Name:", "Designation:", and "Salary:".
- A row of four navigation buttons: "<<", "<", ">", and ">>".
- A single "edit" button centered below the navigation buttons.
- A row of four action buttons at the bottom: "new", "save", "update", and "delete".

First record:

Form1

Emp no: 1

Name: shri

Designation: operator

Salary: 20000

<< < > >>

edit

new save update delete

Next record:

Form1

Emp no: 2

Name: tejas

Designation: professor

Salary: 21000

<< < > >>

edit

new save update delete

Previous record:

Form1

Emp no: 1

Name: shri

Designation: operator

Salary: 20000

<< < > >>

edit

new save update delete

Last record:

Form1

Emp no: 4

Name: dhiraj

Designation: manager

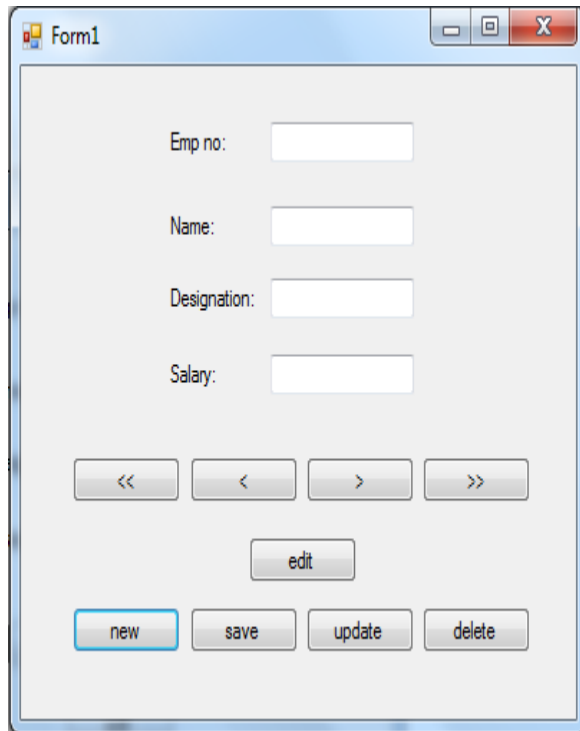
Salary: 23000

<< < > >>

edit

new save update delete

New button:



Form1

Emp no:

Name:

Designation:

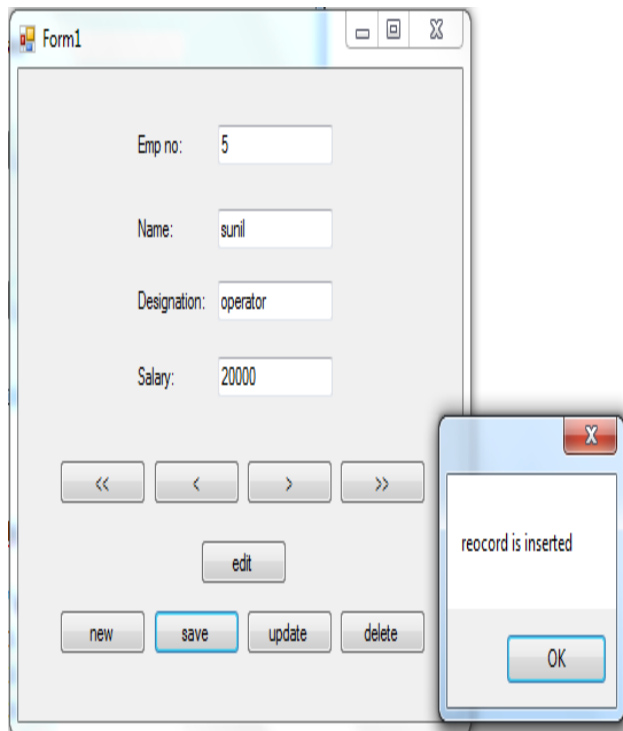
Salary:

<< < > >>

edit

new save update delete

Insert button:



Form1

Emp no:

Name:

Designation:

Salary:

<< < > >>

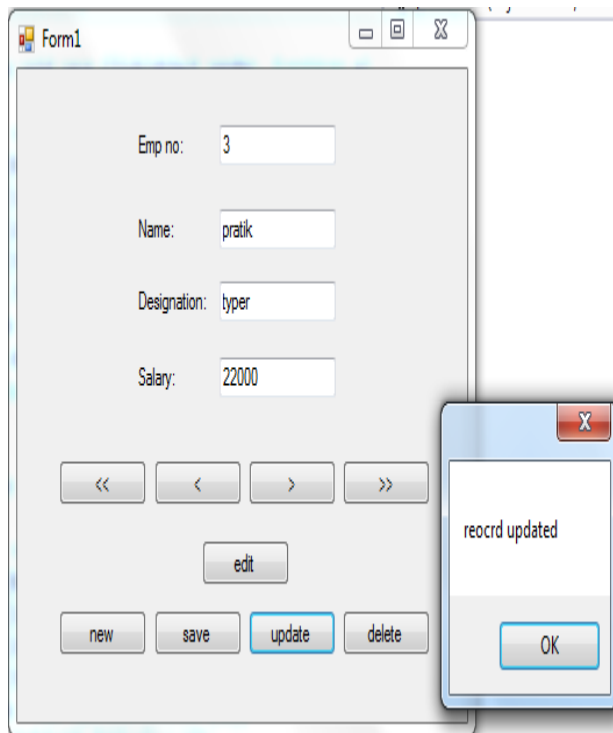
edit

new save update delete

reocrd is inserted

OK

Update button:



Form1

Emp no:

Name:

Designation:

Salary:

<< < > >>

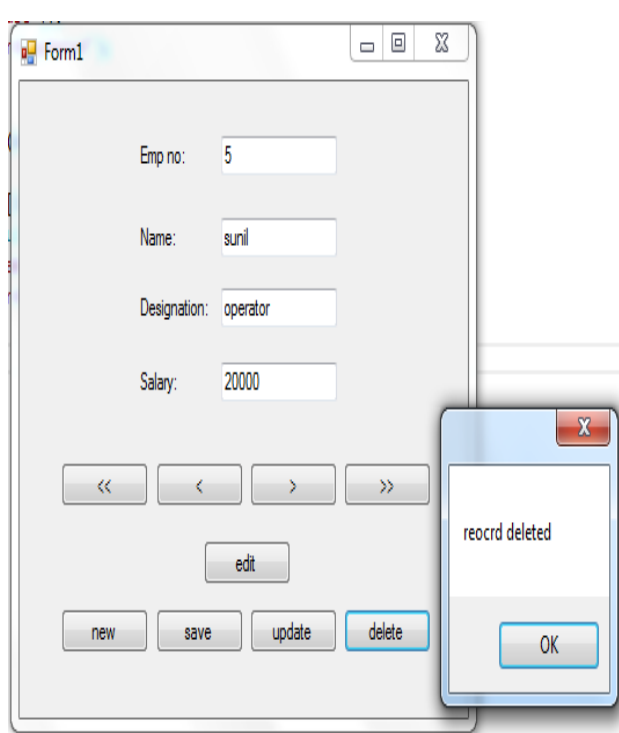
edit

new save update delete

reocrd updated

OK

Delete button:



Form1

Emp no:

Name:

Designation:

Salary:

<< < > >>

edit

new save update delete

reocrd deleted

OK

