Q. RECORD NAVIGATION PROGRAM
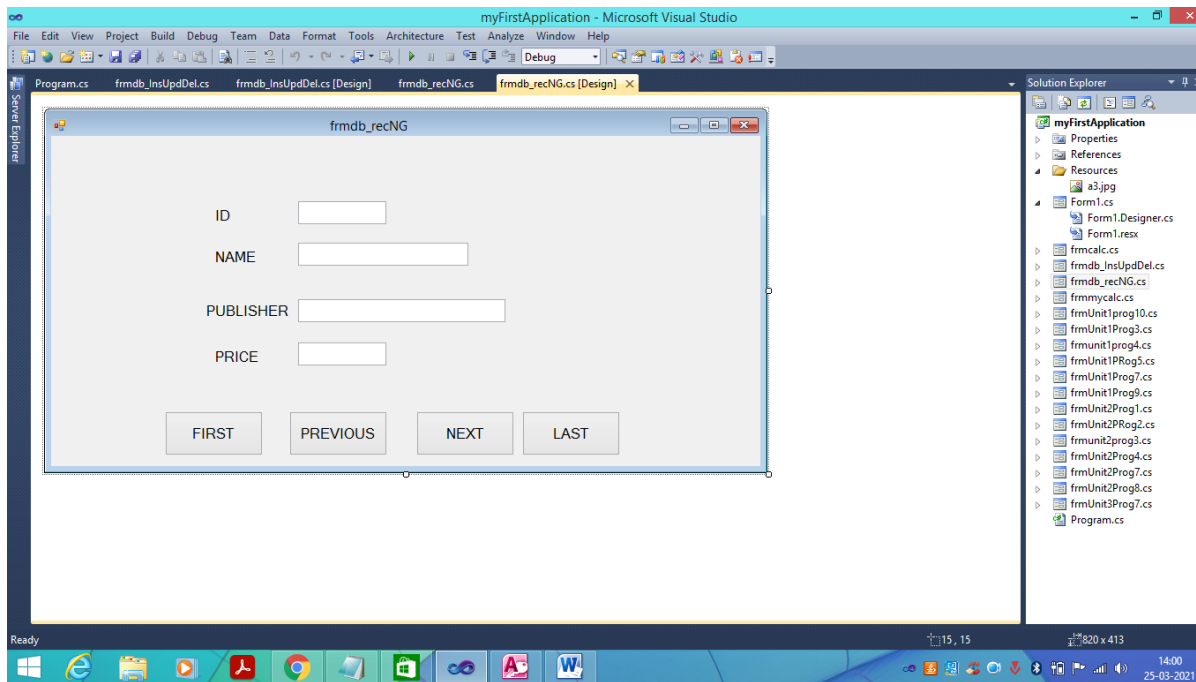
(First make database BOOKS in access and table Book in that with field (bookid, bookname, bookauth, bookprice)


```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;
using System.Data.OleDb;
```

```csharp
namespace myFirstApplication
{
    public partial class frmdb_recNG : Form
    {

        OleDbConnection cn;
        OleDbCommand cmd;
        OleDbDataAdapter da;
        DataSet ds;
        int pos;
        int lastrec;
        public Form1()
        {
            InitializeComponent();
        }

        private void label3_Click(object sender, EventArgs e)
        {

        }

        private void Form1(object sender, EventArgs e)
        {
            cn = new OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=D:\\db_book.mdb");
            string sql;
            sql = "select * from book";
            cmd = new OleDbCommand(sql,cn);
            da = new OleDbDataAdapter(cmd);
            ds = new DataSet();
            da.Fill(ds);
```

```csharp
        lastrec = ds.Tables[0].Rows.Count - 1;

        pos = 0;
        textBox1.Text = ds.Tables[0].Rows[pos][0].ToString();
        textBox3.Text = ds.Tables[0].Rows[pos][1].ToString();
        textBox2.Text = ds.Tables[0].Rows[pos][2].ToString();
        textBox4.Text = ds.Tables[0].Rows[pos][3].ToString();
    }

private void button1_Click(object sender, EventArgs e)
{// first record
        pos = 0;
        textBox1.Text = ds.Tables[0].Rows[pos][0].ToString();
        textBox3.Text = ds.Tables[0].Rows[pos][1].ToString();
        textBox2.Text = ds.Tables[0].Rows[pos][2].ToString();
        textBox4.Text = ds.Tables[0].Rows[pos][3].ToString();
    }

private void button2_Click(object sender, EventArgs e)
{

        // previous'
        pos -= 1;
        if (pos < 0)
            pos = 0;
        textBox1.Text = ds.Tables[0].Rows[pos][0].ToString();
        textBox3.Text = ds.Tables[0].Rows[pos][1].ToString();
        textBox2.Text = ds.Tables[0].Rows[pos][2].ToString();
        textBox4.Text = ds.Tables[0].Rows[pos][3].ToString();

    }
```

```csharp
private void button3_Click(object sender, EventArgs e)
{
    // next record
    pos += 1;
    if (pos >= lastrec)
        pos = lastrec;
    textBox1.Text = ds.Tables[0].Rows[pos][0].ToString();
    textBox3.Text = ds.Tables[0].Rows[pos][1].ToString();
    textBox2.Text = ds.Tables[0].Rows[pos][2].ToString();
    textBox4.Text = ds.Tables[0].Rows[pos][3].ToString();
}

private void button4_Click(object sender, EventArgs e)
{
    pos = lastrec;
    textBox1.Text = ds.Tables[0].Rows[pos][0].ToString();
    textBox3.Text = ds.Tables[0].Rows[pos][1].ToString();
    textBox2.Text = ds.Tables[0].Rows[pos][2].ToString();
    textBox4.Text = ds.Tables[0].Rows[pos][3].ToString();
}
}
}
```