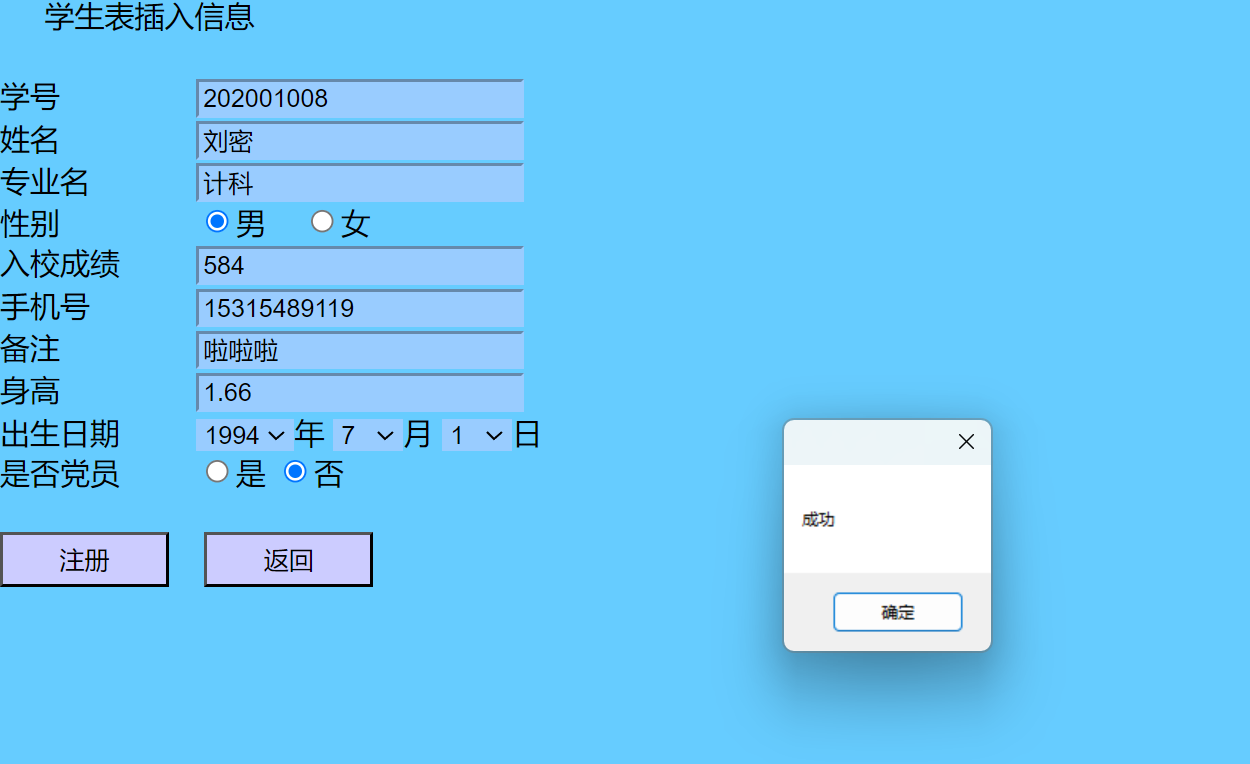
此设计将增删查改四个功能放在查询页面中，在查询页面中可点击“查询全部”按钮实现增，

并且可对查询的目标实现删改功能。



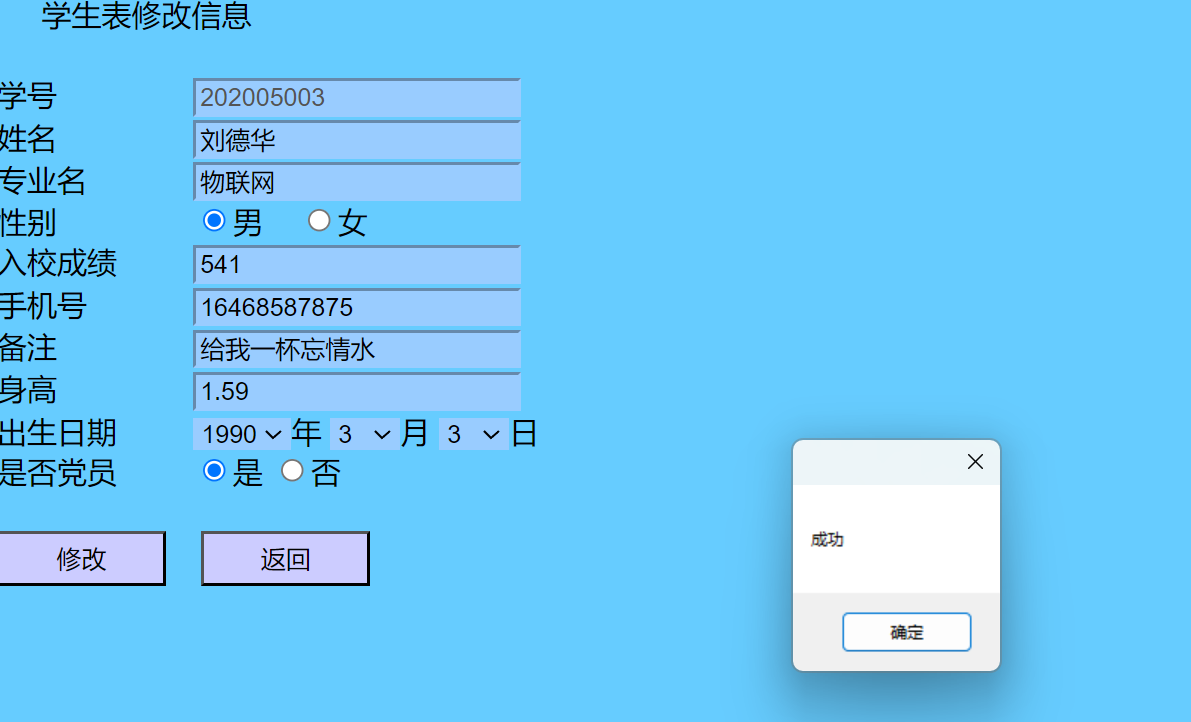
增加页面



弹出的MessgeBox可提示插入成功。



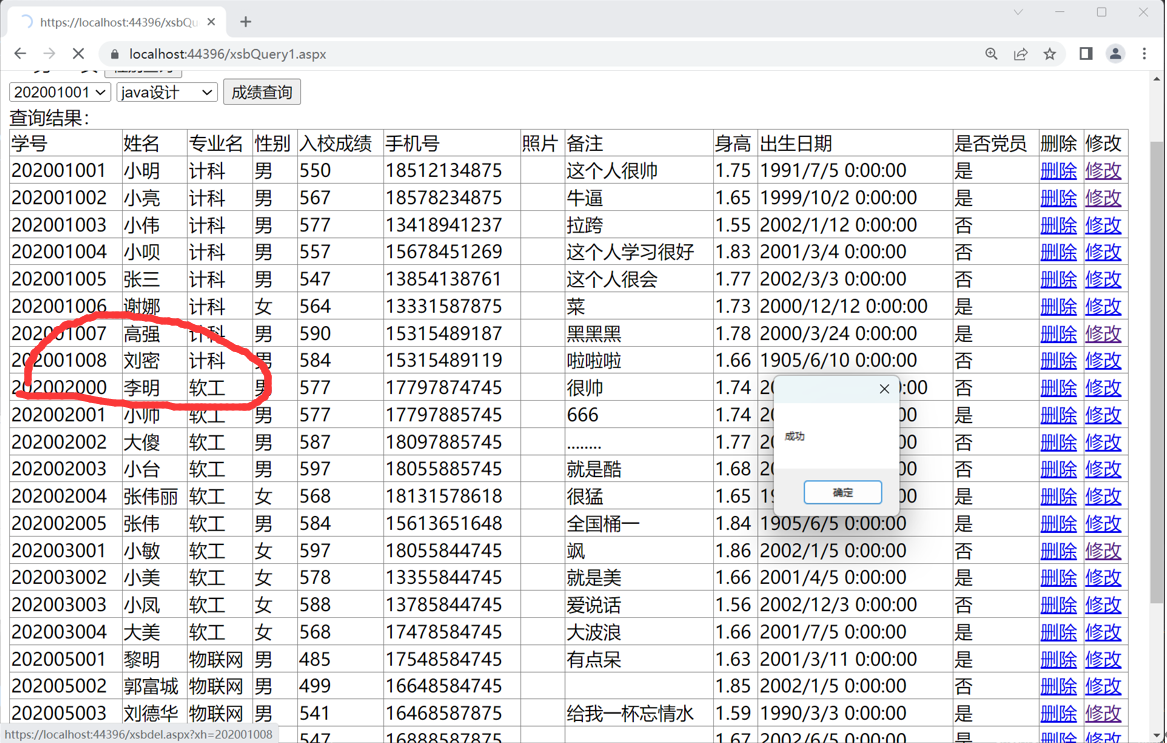
改功能，与增功能相似

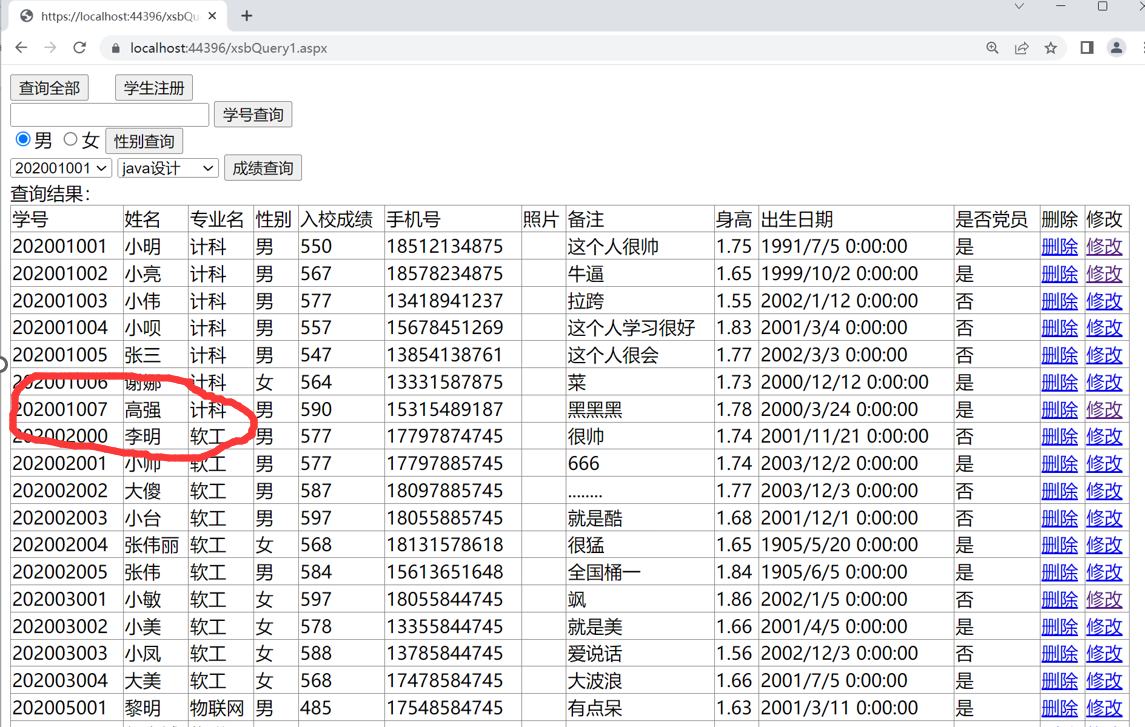


可知修改成功



删功能，对“刘密”的信息点击删除，点击对话框确定之后，再查询，可见成功删除。





关键代码：

工具类Mydatatools的代码 主要实现数据库连接，具有实现执行sql非查询命令，查询命令，并快速获取查询结果的视图，而且可以将查询结果其展示在表格中：

public class Mydatatools

{

static string cnstr = "server=HAOHAOHAO; database=学生管理; uid=sa;pwd=denghao123;";

static SqlConnection cn = new SqlConnection(cnstr);

public DataTable getTable(string sql)

{

cn.Open();

DataSet ds = new DataSet(); //内存数据库

SqlDataAdapter dap = new SqlDataAdapter(sql, cn);

dap.Fill(ds, "t"); // 把查询结果存到内存数据库ds中，取名为t表

DataTable T = ds.Tables["t"];

cn.Close();

return T;

}

public void Mydisplay(DataTable T, Table Table1)

{

/\*cn.Open();

DataSet ds = new DataSet(); //内存数据库

SqlDataAdapter dap = new SqlDataAdapter(sql, cn);

dap.Fill(ds, "t"); // 把查询结果存到内存数据库ds中，取名为t表

DataTable T = ds.Tables["t"];\*/

//生成列名

TableRow tr0 = new TableRow();

for (int i = 0; i < T.Columns.Count; i++)

{

TableCell td = new TableCell();

td.Text = T.Columns[i].Caption.ToString().Trim();

tr0.Cells.Add(td);

}

Table1.Rows.Add(tr0);

//生成行对象

for (int j = 0; j < T.Rows.Count; j++)

{

TableRow tr = new TableRow();

for (int i = 0; i < T.Columns.Count; i++)

{

TableCell td = new TableCell();

td.Text = T.Rows[j][i].ToString().Trim();

tr.Cells.Add(td);

}

Table1.Rows.Add(tr);

}

}

public void Mydisplay(String sql,Table table1)//重载实现使用sql字符串查询

{

DataTable dt = getTable(sql);

Mydisplay(dt, table1);

}

public int MynoQuery( string sql) //非查询命令

{

int tag = -1;

cn.Open();

SqlCommand cmd = new SqlCommand(sql, cn);

tag=cmd.ExecuteNonQuery();

cmd.Clone();

cn.Close();

return tag;

}

}

查页面（也是主页面） 实现查询功能和跳转到其他功能：

public partial class WebForm3 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (!IsPostBack)

{

string s1 = "select 学号 a, 学号 b from 学生表 ";

string s2 = "select 课程名称 a, 课程号 b from 课程表";

Mydatatools tool = new Mydatatools();

FillDrop(xh, tool.getTable(s1));

FillDrop(kc,tool.getTable(s2));

}

}

protected void FillDrop(DropDownList list,DataTable T)

{

list.DataSource = T;

list.DataTextField = "a";

list.DataValueField = "b";

list.DataBind();

}

protected void Button1\_Click(object sender, EventArgs e)

{

string xh0 = TextBox1.Text.Trim();

//提供对删和改功能的跳转

string sql = "select \* ,'<a href=xsbdel.aspx?xh='+学号+'>删除</a>' as 删除 ," +

"'<a href=xsbmodify.aspx?xh='+学号+'>修改</a>' as 修改 from 学生表 where 学号 ='" + xh0 + "'";

//Response.Write(sql);

//连接数据库

Mydatatools Ob = new Mydatatools();

DataTable T = Ob.getTable(sql);

Ob.Mydisplay(sql, Table1);

}

protected void Button2\_Click(object sender, EventArgs e)

{

string xb = RadioButton1.Checked ? "男" : "女";

string sql = "select \* ,'<a href=xsbdel.aspx?xh='+学号+'>删除</a>' as 删除 ," +

"'<a href=xsbmodify.aspx?xh='+学号+'>修改</a>' as 修改 from 学生表 where 性别 ='" + xb + "'";

new Mydatatools().Mydisplay(sql, Table1);

}

protected void Button4\_Click(object sender, EventArgs e)

{

string sql = "select \* ,'<a href=xsbdel.aspx?xh='+学号+'>删除</a>' as 删除 ," +

"'<a href=xsbmodify.aspx?xh='+学号+'>修改</a>' as 修改 from 学生表";

new Mydatatools().Mydisplay(sql, Table1);

}

protected void Button5\_Click(object sender, EventArgs e)

{

Response.Redirect("xsbadd.aspx");

}

}

增功能 主要为日期更新函数，和获取TextBox的文本，再执行非查询命令

：

public partial class xsbtest1 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (!IsPostBack)//第一次加载页面时执行的操作

{

int y = DateTime.Now.Year;

for (int i = y; i >= y - 40; i--)

{

year.Items.Add(i.ToString());

}

for (int i = 1; i <= 12; i++)

{

month.Items.Add(i.ToString());

}

datenew();

}

}

protected void month\_SelectedIndexChanged(object sender, EventArgs e)

{

datenew();

}

protected void datenew()

{

day.Items.Clear();

int y = int.Parse(year.SelectedValue);

int m = int.Parse(month.SelectedValue);

int[] mon = { 0, 31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31 };

int d;

if ((y % 400 == 0 || y % 4 == 0 && y % 100 != 0) && m == 2)//如果是闰年的二月

{

d = mon[2] + 1;

}

else d = mon[m];

for (int i = 1; i <= d; i++)

day.Items.Add(i.ToString());

}

protected void year\_SelectedIndexChanged(object sender, EventArgs e)

{

datenew();

}

protected void Button1\_Click(object sender, EventArgs e)

{

string xh0 = xh.Text.Trim();

string xm0 = xm.Text.Trim();

string zym0 = zym.Text.Trim();

string xb0;

if (man.Checked)

xb0 = man.Text.Trim();

else xb0 = woman.Text.Trim();

string rxcj0 = rxcj.Text.Trim();

string sjh0 = sjh.Text.Trim();

string bz0 = bz.Text.Trim();

string sg0 = sg.Text.Trim();

string csrq=year.Text+"-"+month.Text+"-"+day.Text;

string sfdy0;

if (dyyes.Checked)

sfdy0 = dyyes.Text.Trim();

else sfdy0 = dyno.Text.Trim();

string inser = "insert into 学生表 values" +

string.Format("('{0}','{1}','{2}','{3}',{4}," +

"'{5}',null,'{6}','{7}',{8},'{9}')",

xh0,xm0,zym0,xb0,rxcj0,sjh0,bz0,sg0,csrq,sfdy0);

Response.Write(inser);

string cnstr = "server=HAOHAOHAO; database=学生管理; uid=sa;pwd=denghao123;";

SqlConnection cn = new SqlConnection(cnstr);

SqlCommand cmd = new SqlCommand(inser, cn);

cn.Open();

int tag=cmd.ExecuteNonQuery();

if (tag > 0)

MessageBox.Show("成功");

else

MessageBox.Show("失败");

cmd.Clone();

cn.Close();

}

protected void Button2\_Click(object sender, EventArgs e)

{

Response.Redirect("xsbQuery1.aspx"); //返回到查界面

}

}

}

改功能和增功能比较相似，差距主要是将查询对象的信息提取出来显示再TextBox中代码只列举差距部分：string xh0 = Request.QueryString["xh"];

string sqlstr = "select \*from 学生表 where 学号='" + xh0 + "'";

DataTable T = new Mydatatools().getTable(sqlstr);

xh.Text = T.Rows[0]["学号"].ToString().Trim();

xm.Text = T.Rows[0]["姓名"].ToString().Trim();

zym.Text = T.Rows[0]["专业名"].ToString().Trim();

rxcj.Text = T.Rows[0]["入校成绩"].ToString().Trim();

sjh.Text = T.Rows[0]["手机号"].ToString().Trim();

bz.Text = T.Rows[0]["备注"].ToString().Trim();

sg.Text = T.Rows[0]["身高"].ToString().Trim();

删功能不再列举，主要为评测sql命令，根据点击对象的学号信息，用工具类执行非查询命令即可。