2. Clients and Address
Project with DB SQL and ASP Web Forms
Greed view

```
namespace ClientsNamesAndAddress
{
    using System;
    using System.Collections.Generic;
    using System.Data.SqlClient;
    using System.Linq;
    using System.Web;
    using System.Web.UI;
    using System.Web.UI.WebControls;
    1 reference
    public partial class ClientsNamesAndAddress : System.Web.UI.Page
    {

        0 references
        protected void ButtonSearchForID_Click(object sender, EventArgs e)
        {
            this.GridViewCustomers.DataSource = null;
            this.GridViewCustomers.DataBind();
            try
            {
                int idClient = int.Parse(this.TextBoxLabel.Text);

                List<Customer> customers = new List<Customer>();

                customers = GetCustomerById(idClient);

                if (customers.Count() == 0)
                {
                    this.LabelMassage.Text = "Data not found";
                }
                else
                {
                    this.GridViewCustomers.DataSource = customers;
                    this.GridViewCustomers.DataBind();
                    this.LabelMassage.Text = customers.Count.ToString() + " item(s).";
                }

            }
            catch (FormatException ex)
            {
                this.LabelMassage.Text = "Error: Invalid input";
            }
            catch (Exception ex)
            {
                this.LabelMassage.Text = "Error: " + ex.ToString();
            }
        }
    }
}
```

```
1 reference
private List<Customer> GetCustomerById(int idClient)
{
    var customers = new List<Customer>();


    string sql = "SELECT ca.Id, ca.IdClient, ca.Address, cn.FirstName, cn.LastName, cn.phone, cn.email " +
    "FROM clientsaddress AS ca INNER JOIN clientsname AS cn ON ca.IdClient = cn.Id " +
    "WHERE (cn.Id = {0}) " +
    "ORDER BY ca.Address";


    try
    {
        using ( SqlConnection conn =
        new SqlConnection("Data Source=ELEK-PC;integrated security=SSPI;database=webappdemo;user id=Ivan;password=Ivan;"))
        {
            SqlCommand cmd = new SqlCommand(String.Format(sql, idClient), conn);
            SqlDataReader rdr;
            conn.Open();

            rdr = cmd.ExecuteReader();
            customers.Clear();

            while (rdr.Read())
            {
                Customer customer = new Customer();
                customer.ID = rdr.GetInt32(1);
                customer.FirstName = rdr.GetStri
                customer.LastName = rdr.GetStri
                customer.Phone = rdr.GetString(
                customer.Email = rdr.GetString(
                customer.Address = rdr.GetStri

                customers.Add(customer);
            }
        }
    }
    catch (Exception ex)
    {
        throw ex;
        //stringError =  "Error: " + ex.ToStri
    }

    return customers;
}
```

Solution 'ClientsNamesAndAddress' (1 project)
- **ClientsNamesAndAddress**
  - ▷ 🔧 Properties
  - ▷ ▪■ References
  - ▲ 🌐 ClientsNamesAndAddress.aspx
    - ▷ 📄 ClientsNamesAndAddress.aspx.cs
    - ▷ 📄 ClientsNamesAndAddress.aspx.designer.cs
    - ▷ C# Customer.cs
    - 📄 SiteStyles.css
  - ▷ 🔧 Web.config

1

```
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Customers Address info</title>
    <link href="SiteStyles.css" rel="stylesheet" type="text/css" />
</head>
<body>
    <form id="form1" runat="server">
    <div><asp:Label ID="LabelTitle" runat="server" Text="Id Client">Enter Client ID to see information for Address List </asp:Label></div>

    <div>
        <asp:Label ID="Label1" runat="server" Text="Id:"></asp:Label> &nbsp
        <asp:TextBox ID="TextBoxLabel" runat="server" Height="16px" Width="72px" CausesValidation="True"></asp:TextBox>  &nbsp
        <asp:Button ID="ButtonSearchForID" runat="server" Text="Search" OnClick="ButtonSearchForID_Click" />

    </div>
    <div>
        <asp:GridView ID="GridViewCustomers" runat="server" AutoGenerateColumns="False" >

            <Columns>
                <asp:BoundField DataField="ID" HeaderText="Client ID" />
                <asp:BoundField DataField="FirstName" HeaderText="First Name" />
                <asp:BoundField DataField="LastName" HeaderText="Last Name" />
                <asp:BoundField DataField="Phone" HeaderText="Phone" />
                <asp:BoundField DataField="EMail" HeaderText="E-Mail" />
                <asp:BoundField DataField="Address" HeaderText="Address" />
            </Columns>

        </asp:GridView>

    </div>
        <div><asp:Label ID="LabelMassage" runat="server" Text=""></asp:Label></div>

    </form>
</body>
</html>
```