

Registration.aspx:

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="registration.aspx.vb"
Inherits="registration" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
    <title>Customer Registration</title>
```

```
</head>
```

```
<body>
```

```
    <form id="form1" runat="server">
```

```
        <h2>Customer Registration</h2>
```

```
        <label for="txtName">Customer Name:</label><br />
```

```
        <input type="text" id="txtName" runat="server" /><br /><br />
```

```
        <label for="txtPhone">Phone:</label><br />
```

```
        <input type="text" id="txtPhone" runat="server" /><br /><br />
```

```
        <label for="txtAddress">Address:</label><br />
```

```
        <textarea id="txtAddress" runat="server" rows="3" cols="30"></textarea><br /><br />
```

```
        <input type="submit" id="btnRegister" value="Register" runat="server"
onserverclick="btnRegister_ServerClick" />
```

```
    <br /><br />
```

```
<span id="lblMessage" runat="server" style="color: green;"></span>

</form>

</body>

</html>
```

Registration.aspx.vb:

Imports System.Data.SqlClient

Partial Class registration

Inherits System.Web.UI.Page

Protected Sub btnRegister_ServerClick(sender As Object, e As EventArgs)

Dim name As String = txtName.Value.Trim()

Dim phone As String = txtPhone.Value.Trim()

Dim address As String = txtAddress.Value.Trim()

Dim connStr As String = "Data Source=localhost;Initial
Catalog=StationeryDB;Integrated Security=True"

Dim query As String = "INSERT INTO Customer (Customer_Name, Phone, Address) "

query &= "VALUES (@name, @phone, @address)"

Using conn As New SqlConnection(connStr)

Using cmd As New SqlCommand(query, conn)

cmd.Parameters.AddWithValue("@name", name)

cmd.Parameters.AddWithValue("@phone", phone)

cmd.Parameters.AddWithValue("@address", address)

```
        conn.Open()

        cmd.ExecuteNonQuery()

        lblMessage.InnerText = "Customer registered successfully."

    End Using

End Using

End Sub

End Class
```

search.aspx:

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Search.aspx.vb"
Inherits="Search" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
    <title>Search Products</title>
```

```
</head>
```

```
<body>
```

```
    <form id="form1" runat="server">
```

```
        <h2>Search Products</h2>
```

```
        <label for="txtSearch">Enter product name:</label><br />
```

```
        <input type="text" id="txtSearch" runat="server" required /><br /><br />
```

```
        <button id="btnSearch" type="submit" runat="server"
onserverclick="btnSearch_ServerClick">Search</button><br /><br />
```

```
<div id="results" runat="server" style="font-family:Arial; font-size:14px;"></div>

</form>

</body>

</html>
```

search.aspx.vb:

Imports System.Data.SqlClient

Imports System.Text

Partial Class Search

Inherits System.Web.UI.Page

Protected Sub btnSearch_ServerClick(sender As Object, e As EventArgs)

Dim keyword As String = txtSearch.Value.Trim()

If keyword = "" Then

results.InnerHtml = "Please enter a product name."

Return

End If

Dim connStr As String = "Data Source=localhost;Initial
Catalog=StationeryDB;Integrated Security=True"

Dim query As String = "SELECT TOP 5 Product_Name, Unit_Price FROM Product WHERE
Product_Name LIKE @name"

Dim found As Boolean = False

```

Dim sb As New StringBuilder()

sb.Append("<table border='1' cellpadding='5'><tr><th>Name</th><th>Unit
Price</th></tr>")

Using conn As New SqlConnection(connStr)

    Using cmd As New SqlCommand(query, conn)

        cmd.Parameters.AddWithValue("@name", "%" & keyword & "%")

        conn.Open()

        Dim reader As SqlDataReader = cmd.ExecuteReader()

        While reader.Read()

            found = True

            sb.Append("<tr>")

            sb.Append("<td>" & reader("Product_Name").ToString() & "</td>")

            sb.Append("<td>" & reader("Unit_Price").ToString() & "</td>")

            sb.Append("</tr>")

        End While

    End Using

End Using

sb.Append("</table>")

If found Then

    results.InnerHtml = sb.ToString()

Else

    results.InnerHtml = "<span style='color:red;'>No matching product found.</span>"

End If

End Sub

End Class

```