

# IAD LAB 03



## **Submitted to**

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- Stylesheet.css:

```
body {
  background: linear-gradient(to bottom, #bdc3c7, #2c3e50);
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  min-height: 100vh;
}

#form1 {
  max-width: 400px;
  margin: 50px auto;
  padding: 20px;
  background-color: white;
  border: 5px double black;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
  transition: box-shadow 0.3s;
}

#form1:hover {
  box-shadow: 0 0 15px rgba(0, 0, 0, 0.4);
}

#form1 h1 {
  margin-top: 0;
  color: green;
}

#form1 label {
  display: block;
  margin-bottom: 5px;
  color: #333;
}

#form1 input[type="text"],
#form1 textarea,
#form1 button {
  width: calc(100% - 20px);
  padding: 8px;
  margin-bottom: 10px;
  border: 1px solid #ccc;
  border-radius: 5px;
  transition: border-color 0.3s;
}

#form1 input[type="text"]:focus,
#form1 textarea:focus {
  border-color: dodgerblue;
  outline: none;
}

#form1 button {
  background-color: dodgerblue;
  color: white;
  border: none;
}
```

```

        border-radius: 5px;
        cursor: pointer;
        transition: background-color 0.3s;
    }

    #form1 button:hover {
        background-color: deepskyblue;
    }

#linkContainer {
    max-width: 400px;
    margin: 0 auto;
    text-align: center;
}

#linkContainer a {
    display: inline-block;
    margin: 10px;
    padding: 10px 20px;
    color: #fff;
    text-decoration: none;
    border-radius: 5px;
    transition: background-color 0.3s, transform 0.3s;
}

#linkContainer a:hover {
    background-color: #0056b3;
    transform: translateY(-2px);
}

#linkContainer a:active {
    transform: translateY(0);
}

```

## • Homepage 1:

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8" />
    <title>Store</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background: linear-gradient(to bottom, #bdc3c7, #2c3e50);
            margin: 0;
            padding: 0;
            display: flex;
            flex-direction: column;
            justify-content: center;
            align-items: center;
            height: 100vh;
        }

        h1 {
            color: #333;

```

```

        font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande',
'Lucida Sans', Arial, sans-serif;
        font-size: 100px;
    }

    #linkContainer {
        margin-top: 20px;
    }

    #linkContainer a {
        display: inline-block;
        margin: 10px;
        padding: 10px 20px;
        color: #fff;
        font-size: 40px;
        background-color: #007bff;
        text-decoration: none;
        border-radius: 5px;
        transition: background-color 0.3s, transform 0.3s;
    }

    #linkContainer a:hover {
        background-color: #0056b3;
        transform: translateY(-2px);
    }

    #linkContainer a:active {
        transform: translateY(0);
    }

</style>
</head>
<body>
    <h1>Welcome To Our Store</h1>
    <div id="linkContainer">
        <a href="Default4.aspx">Login</a>
        <a href="Default5.aspx">New Registration</a>
    </div>
</body>
</html>

```

## • Homepage 2:

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8" />
    <title>Store</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background: linear-gradient(to bottom, #bdc3c7, #2c3e50);
            margin: 0;
            padding: 0;
            display: flex;
            flex-direction: column;
            justify-content: center;

```

```

        align-items: center;
        height: 100vh;
    }

    h1 {
        color: #333;
        font-family: 'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande',
'Lucida Sans', Arial, sans-serif;
        font-size: 100px;
    }

    #linkContainer {
        margin-top: 20px;
    }

    #linkContainer a {
        display: inline-block;
        margin: 10px;
        padding: 10px 20px;
        color: #fff;
        font-size: 40px;
        background-color: #007bff;
        text-decoration: none;
        border-radius: 5px;
        transition: background-color 0.3s, transform 0.3s;
    }

    #linkContainer a:hover {
        background-color: #0056b3;
        transform: translateY(-2px);
    }

    #linkContainer a:active {
        transform: translateY(0);
    }
</style>
</head>
<body>
    <h1>Welcome To Our Store</h1>
    <div id="linkContainer">
        <a href="Default.aspx">New Product Entry</a>
        <a href="Default3.aspx">Product Search</a>
        <a href="Default2.aspx">Place Order</a>
    </div>
</body>
</html>

```

## • Login:

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default4.aspx.vb"
Inherits="Default4" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Login</title>

```

```

    <link rel="stylesheet" type="text/css" href="StyleSheet.css">
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>Login</h1>
            <asp:Label ID="lblMessage" runat="server" ForeColor="Red"></asp:Label><br
/><br />
            Username: <asp:TextBox ID="txtUsername" runat="server"></asp:TextBox><br
/><br />
            Password: <asp:TextBox ID="txtPassword" runat="server"
TextMode="Password"></asp:TextBox><br /><br />
            <asp:Button ID="btnLogin" runat="server" Text="Login"
OnClick="btnLogin_Click" />
        </div>
    </form>
</body>
</html>

```

## Vb:

### Partial Class Default4

```

Inherits System.Web.UI.Page
Protected Sub btnLogin_Click(sender As Object, e As EventArgs) Handles btnLogin.Click
    Dim username As String = txtUsername.Text.Trim()
    Dim password As String = txtPassword.Text.Trim()

    ' Validate the username and password (for demo purposes, use a hardcoded value)
    If username = "admin" AndAlso password = "admin123" Then
        Response.Redirect("HtmlPage2.html")
    Else
        lblMessage.Text = "Invalid username or password. Please try again."
    End If
End Sub
End Class

```

## • Registration:

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default5.aspx.vb"
Inherits="Default5" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Registration</title>
    <link rel="stylesheet" type="text/css" href="StyleSheet.css">
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>Registration</h1>
            <asp:Label ID="lblMessage" runat="server"
ForeColor="Black"></asp:Label><br /><br />

```

```

        Username: <asp:TextBox ID="txtUsername" runat="server"></asp:TextBox><br
/><br />
        Email: <asp:TextBox ID="txtEmail" runat="server"></asp:TextBox><br /><br
/>
        Password: <asp:TextBox ID="txtPassword" runat="server"
TextMode="Password"></asp:TextBox><br /><br />
        Confirm Password: <asp:TextBox ID="txtConfirmPassword" runat="server"
TextMode="Password"></asp:TextBox><br /><br />
        <asp:Button ID="btnRegister" runat="server" Text="Register"
OnClick="btnRegister_Click" />
    </div>
</form>
</body>
</html>

```

## Vb:

```
Partial Class Default5
```

```
    Inherits System.Web.UI.Page
```

```
    Protected Sub btnRegister_Click(sender As Object, e As EventArgs) Handles
btnRegister.Click
```

```
        Dim username As String = txtUsername.Text.Trim()
```

```
        Dim email As String = txtEmail.Text.Trim()
```

```
        Dim password As String = txtPassword.Text.Trim()
```

```
        Dim confirmPassword As String = txtConfirmPassword.Text.Trim()
```

```
        ' Check if password and confirm password match
```

```
        If password = confirmPassword Then
```

```
            Response.Redirect("HtmlPage2.html")
```

```
        Else
```

```
            lblMessage.Text = "Passwords do not match. Please try again."
```

```
        End If
```

```
    End Sub
```

```
End Class
```

## • Place Order:

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default2.aspx.vb"
Inherits="Default2" %>
```

```
<!DOCTYPE html>
```

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

```
<head runat="server">
```

```
    <title>Order Placement</title>
```

```
    <link rel="stylesheet" type="text/css" href="StyleSheet.css">
```

```
</head>
```

```
<body>
```

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

```
        <div>
```

```
            <h1>Order Placement</h1>
```

```
            <asp:Label ID="lblMessage" runat="server" ForeColor="Green"></asp:Label><br
```

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

```

Customer Name: <asp:TextBox ID="txtCustomerName"
runat="server"></asp:TextBox><br /><br />
Product Name: <asp:DropDownList ID="ddlProducts" runat="server">
    <asp:ListItem Text="Table" Value="Table"></asp:ListItem>
    <asp:ListItem Text="Laptop" Value="Laptop"></asp:ListItem>
    <asp:ListItem Text="Chair" Value="Chair"></asp:ListItem>
    <asp:ListItem Text="Pen" Value="Pen"></asp:ListItem>
    </asp:DropDownList><br /><br />
Quantity: <asp:TextBox ID="txtQuantity" runat="server"></asp:TextBox><br
/><br />
    <asp:Button ID="btnPlaceOrder" runat="server" Text="Place Order"
OnClick="btnPlaceOrder_Click" />
</div>
</form>
<div id="linkContainer">
    <a href="Default3.aspx">Product Search</a>
    <a href="Default.aspx">New Product Entry</a>
    <a href="HtmlPage2.html">Home</a>
</div>
</body>
</html>

```

## Vb:

```

Imports System.Data.SqlClient
Imports System.Data
Partial Class Default2
    Inherits System.Web.UI.Page

    Protected Sub btnPlaceOrder_Click(sender As Object, e As EventArgs) Handles
btnPlaceOrder.Click
        lblMessage.Text = "Order placed successfully!"
    End Sub
End Class

```

### • New Product Entry:

```

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

<!DOCTYPE html>
<html>
<head runat="server">
    <title>New Product Entry</title>
    <link rel="stylesheet" type="text/css" href="StyleSheet.css">
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>New Product Entry</h1>
            <asp:Label ID="lblMessage" runat="server" ForeColor="Green"></asp:Label><br
/><br />
            Product Name: <asp:TextBox ID="txtProductName"
runat="server"></asp:TextBox><br /><br />

```



```

        Product Description: <asp:TextBox ID="txtProductDescription" runat="server"
TextMode="MultiLine"></asp:TextBox><br /><br />
        Unit Price: <asp:TextBox ID="txtUnitPrice" runat="server"></asp:TextBox><br
/><br />
        <asp:Button ID="btnSubmit" runat="server" Text="Submit"
OnClick="btnSubmit_Click" />
    </div>
</form>
<div id="linkContainer">
    <a href="Default3.aspx">Product Search</a>
    <a href="Default2.aspx">Place Order</a>
    <a href="HtmlPage2.html">Home</a>
</div>
</body>
</html>

```

## Vb:

```
Imports System.Data.SqlClient
```

```
Partial Class _Default
    Inherits System.Web.UI.Page
```

```
    Protected Sub btnSubmit_Click(sender As Object, e As EventArgs) Handles
btnSubmit.Click
```

```
        lblMessage.Text = "Product added successfully!"
    End Sub
End Class
```

## • Product Search:

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default3.aspx.vb"
Inherits="Default3" %>
```

```
<!DOCTYPE html>
```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Product Search</title>
    <link rel="stylesheet" type="text/css" href="StyleSheet.css">
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>Product Search</h1>
            <asp:Label ID="lblMessage" runat="server" ForeColor="Green"></asp:Label><br
/><br />
            Product Name: <asp:TextBox ID="txtProductName"
runat="server"></asp:TextBox><br /><br />
            <asp:Button ID="btnSearch" runat="server" Text="Search"
OnClick="btnSearch_Click" />
            <br /><br />

```

```

        <asp:GridView ID="gvProducts" runat="server"></asp:GridView>
    </div>
</form>
<div id="linkContainer">
    <a href="Default2.aspx">Place Order</a>
    <a href="Default.aspx">New Product Entry</a>
    <a href="HtmlPage2.html">Home</a>
</div>
</body>
</html>

```

## Vb:

```

Imports System.Data.SqlClient
Imports System.Data

```

```

Public Class Product
    Public Property ID As Integer
    Public Property Name As String
    Public Property Description As String
    Public Property Price As Decimal
End Class

Public Class collist
    Private Shared products As List(Of Product) = New List(Of Product)()

    Shared Sub New()
        ' Populate the list with some sample products
        products.Add(New Product With {.ID = 1, .Name = "Table", .Description = "Wood",
        .Price = 10.0})
        products.Add(New Product With {.ID = 2, .Name = "Chair", .Description = "Gaming",
        .Price = 20.0})
        products.Add(New Product With {.ID = 3, .Name = "Pen", .Description = "Piano",
        .Price = 10.0})
        products.Add(New Product With {.ID = 3, .Name = "Paper", .Description = "A4",
        .Price = 40.0})
        products.Add(New Product With {.ID = 3, .Name = "Wallpaper", .Description =
"Calligraphy", .Price = 60.0})
        products.Add(New Product With {.ID = 3, .Name = "Newspaper", .Description =
"Dawn", .Price = 20.0})
    End Sub

    Public Shared Function SearchProducts(keyword As String) As List(Of Product)
        Return products.FindAll(Function(p) p.Name.ToLower().Contains(keyword.ToLower()))
    End Function
End Class

Partial Class Default3
    Inherits System.Web.UI.Page
    Protected Sub btnSearch_Click(sender As Object, e As EventArgs) Handles
btnSearch.Click
        Dim keyword As String = txtProductName.Text.Trim()
        Dim productList As List(Of Product) = collist.SearchProducts(keyword)
        gvProducts.DataSource = productList
        gvProducts.DataBind()
    End Sub

```

End Class