

CODE IMPLEMENTATION: LAB 4

lab4task.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="lab4task.aspx.vb"
Inherits="_Default" %>

<!DOCTYPE html>
<html>
<head runat="server">
    <title>SQL QUERY</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h2>DATA RETRIEVAL</h2>
            <asp:Label ID="query" runat="server" Text="Following data has been
fetched"></asp:Label>
        </div>
    </form>
</body>
</html>
```

lab4task.aspx.vb

```
Imports System
Imports System.Web.UI
Imports System.Data
Imports System.Data.SqlClient
Imports System.Web.UI.WebControls
Imports System.Configuration.Provider

Partial Class _Default
    Inherits Page
    Protected Sub Retrieval(ByVal sender As Object, ByVal e As EventArgs) Handles Me.Load
        Dim cons As String
        cons = "Data Source=SAAS_PLATFORM.mssql.somee.com;Initial Catalog=SAAS_PLATFORM;User
ID=IqraMehmood_SQLLogin_1;Password=aoctyvcl5r;TrustServerCertificate=True;"
        Dim con As New SqlConnection
        con.ConnectionString = cons
        Dim cmd As New SqlCommand
        cmd.Connection = con
        cmd.CommandText = "SELECT Customer_Id, Name, Email, Country "
        cmd.CommandText += "FROM Customer"
        Dim dr As SqlDataReader
        Try
            con.Open()
            dr = cmd.ExecuteReader
            While dr.Read()
                Response.Write(dr("Customer_Id") & " &nbsp;&nbsp;&nbsp;")
                Response.Write(dr("Name") & " &nbsp;&nbsp;&nbsp;")
                Response.Write(dr("Email") & " &nbsp;&nbsp;&nbsp;")
                Response.Write(dr("Country") & "<br/>")
            End While
        Catch ex As Exception
```

```
        query.Text = "An error occurred"
    Finally
        dr.Close()
        con.Close()
        cmd.Dispose()
    End Try
End Sub
End Class
```

Web.config

```
<?xml version="1.0"?>
<configuration>
  <!--
    For a description of web.config changes see
    http://go.microsoft.com/fwlink/?LinkId=235367.

    The following attributes can be set on the <httpRuntime> tag.
  -->
  <system.web>
    <httpRuntime targetFramework="4.8.1" />
  </system.web>
  <system.web>
    <compilation debug="false" targetFramework="4.8.1"/>
    <customErrors mode="Off" />
    <pages controlRenderingCompatibilityVersion="4.0"/>
  </system.web>
  <connectionStrings>
    <add name="MyConn"
          connectionString="Data Source=SAAS_PLATFORM.mssql.somee.com;Initial
Catalog=SAAS_PLATFORM;User
ID=IqraMehmood_SQLLogin_1;Password=aoclyvcl5r;TrustServerCertificate=True; "
          providerName="System.Data.SqlClient" />
  </connectionStrings>
</configuration>
```