




```
1 <configuration>
2   <connectionStrings>
3     <add name="DefaultConnection"
4       connectionString="Data Source=LAPTOPH3U1FAB4\SQLEXPRESS; Initial Catalog=office;integrated security=SSPI" />
5   </connectionStrings>
6   <appSettings>
7     <add key="ValidationSettings:UnobtrusiveValidationMode" value="None"/>
8   </appSettings>
```

```
1 using System;
2 using System.Collections.Generic;
3 using System.Configuration;
4 using System.Data;
5 using System.Data.SqlClient;
6 using System.Linq;
7 using System.Web;
8 using System.Web.UI;
9 using System.Web.UI.WebControls;
10
11 namespace AD01
12 {
13     public partial class WebForm1 : System.Web.UI.Page
14     {
15         //string conn = ConfigurationManager.ConnectionStrings["DefaultConnection"].ConnectionString;
16         SqlConnection con = new SqlConnection("Data Source=LAPTOPH3U1FAB4\\SQLEXPRESS; Initial Catalog=office;integrated security=SSPI");
17         protected void Page_Load(object sender, EventArgs e)
18         {
19             getData();
20             totEmp();
21         }
22     }
23 }
```




```
1  protected void totEmp()  
2      {  
3          //SqlConnection con = new SqlConnection(conn);  
4          try  
5          {  
6              string q = "select count(*) As 'totalEmp' from[dbo].[Employee]";  
7              SqlCommand cmd = new SqlCommand(q, con);  
8              con.Open();  
9              int empCount = Convert.ToInt32(cmd.ExecuteScalar());  
10             if (empCount > 0)  
11             {  
12                 lblTotal.Text = "Total Employees Present: " + empCount;  
13             }  
14         }  
15  
16         }catch(Exception e1){  
17             Response.Write(e1);  
18         }  
19         finally  
20         {  
21             con.Close();  
22         }  
23     }
```



```
1  protected void getData()
2      {
3          //SqlConnection con = new SqlConnection(conn);
4          try{
5              con.Open();
6              string q = "select * from Employee";
7              SqlDataAdapter da = new SqlDataAdapter(q, con);
8              DataSet ds = new DataSet();
9              da.Fill(ds);
10             int totEmp = ds.Tables[0].Rows.Count;
11             //lblTotal.Text = "Total Employees:" + totEmp;
12             GridView1.DataSource = ds;
13             GridView1.DataBind();
14
15         }catch(Exception e1)
16         {
17             Response.Write(e1);
18         }
19         finally
20         {
21             con.Close();
22         }
23     }
24
```

```
1  protected void btnAdd_Click(object sender, EventArgs e)
2  {
3      //SqlConnection con = new SqlConnection(conn);
4      try
5      {
6          con.Open();
7          SqlCommand cmd = new SqlCommand("insert into Employee(name,course,gender) values (@Name, @Course,@Gender )", con);
8          cmd.Parameters.AddWithValue("@Name", txtName.Text);
9          cmd.Parameters.AddWithValue("@Course", ddlCourse.Text);
10         cmd.Parameters.AddWithValue("@Gender", rblGender.Text);
11         int i = cmd.ExecuteNonQuery();
12         if (i > 0)
13         {
14             Response.Write("<script>alert('Inserted successfully')</script>");
15             lblResult.Text = "<style='background-color:green';>Inserted Successfully</style>";
16         }
17         else
18         {
19
20             Response.Write("<scrip>alert('Inserted failed')</script>");
21
22         }
23     }
24 }
25 catch (Exception e1)
26 {
27     Response.Write(e1);
28 }
29 finally
30 {
31     con.Close();
32 }
33 }
```



```
1  protected void btnFetch_Click(object sender, EventArgs e)
2      {
3          //SqlConnection con = new SqlConnection(conn);
4          try
5          {
6              con.Open();
7              SqlCommand cmd = new SqlCommand("select * from Employee where id=@Id", con);
8              cmd.Parameters.AddWithValue("@Id", txtId.Text);
9              SqlDataReader dr = cmd.ExecuteReader();
10             while (dr.Read())
11             {
12                 txtName.Text = dr.GetString(1);
13                 ddlCourse.Text = dr.GetString(2);
14                 rblGender.Text = dr.GetString(3);
15             }
16         }
17         catch (Exception e2)
18         {
19             Response.Write(e2);
20         }
21         finally {
22             con.Close();
23         }
24     }
25 }
26
```

```
1  protected void btnUpdate_Click(object sender, EventArgs e)
2  {
3      //SqlConnection con = new SqlConnection(conn);
4      try
5      {
6          con.Open();
7          SqlCommand cmd = new SqlCommand("update Employee set name=@Name,course=@Course,gender=@gender where id=@Id", con);
8          cmd.Parameters.AddWithValue("@Name", txtName.Text);
9          cmd.Parameters.AddWithValue("@Course", ddlCourse.Text);
10         cmd.Parameters.AddWithValue("@Gender", rblGender.Text);
11         cmd.Parameters.AddWithValue("@Id", txtId.Text);
12         int i = cmd.ExecuteNonQuery();
13         if (i > 0)
14         {
15             Response.Write("<script>alert('Updated successfilly')</script>");
16         }
17         else
18         {
19
20             Response.Write("<scrip>alert('Updated failed')</script>");
21
22         }
23     }
24     catch (Exception e1)
25     {
26         Response.Write(e1);
27     }
28     finally
29     {
30         con.Close();
31     }
32 }
33
```

```
1  protected void btnDelete_Click(object sender, EventArgs e)
2      {
3
4          //SqlConnection con = new SqlConnection(conn);
5          try
6          {
7              con.Open();
8              SqlCommand cmd = new SqlCommand("delete from Employee where id=@Id", con);
9
10             cmd.Parameters.AddWithValue("@Id", txtId.Text);
11             int i = cmd.ExecuteNonQuery();
12             if (i > 0)
13             {
14                 Response.Write("<script>alert('deleted successfilly')</script>");
15             }
16             else
17             {
18
19                 Response.Write("<scrip>alert('deleted failed')</script>");
20
21             }
22         }
23         catch (Exception e1)
24         {
25             Response.Write(e1);
26         }
27         finally
28         {
29             con.Close();
30         }
31     }
32 }
33 }
```