```
Protected void btndelete_Click ( ... )
{
  Same code for before Example
  lbldisplay.Text = i + "Record(s) deleted.";
}
```

Configuration settings in Asp.net:-

→ Configuration settings are used to store & implement the common settings that are required to be used in more than one web Pages.

→ All configuration settings are created with in the configuration files.

→ Configuration files will have a default extension of .config.

→ All configuration files are in the form of XML. (XTensible Mark up language).

→ In Web Applications the configuration file is named as Web.config.

→ In non-Webpaged Applications the configuration files are named as App.config.

→ Usually configuration files will takes crucial role in Implementing the common settings in Web Applications.

Working With AppSettings With in the Configuration file:-

→ App settings is used to store the common data with in the Web.config file.

→ App settings is used to store the data in the form of key and value pairs.

Syntax of App settings:-

→
```
<appSettings>
    <add key = "KeyName" value = "Data" />
    <add key = "KeyName" value = "Data" />
    :
    :
</appSettings>
```

→ once data is stored in AppSettings we can access it from any page with the help of Configuration manager class.

→ This class is available in "System.Configuration.Namespace"

→ This class contains Appsettings property using which we can access the Appsettings keys data.

Ex:- To store some values in a and b keys we can write the code like.

```
<appSettings>
    <add key="a" value="10" />
    <add key="b" value="20.5" />
</appSettings>
```

→ To access this data we use Configuration manager class like

→ ConfigurationManager.AppSettings["a"] → 10

→ ConfigurationManager.AppSettings["b"] → 20.5

→ AppSettings will store and return the data with string type.

* Example to store the data in Web.config file and accessing it from Webpage.

Value of a is ☐

Value of b is ☐

☐ Submit

→ Go to Web.config file. Write the following code in Appsetting file.

```
→ <appSetting>
    <add key="a" value="10" />
    <add key="b" value="20.5" />
  </appSettings>
```

→ Create a New Webpage with the Name

Sample.aspx. Design the page. Write the following code for button click in .cs file.

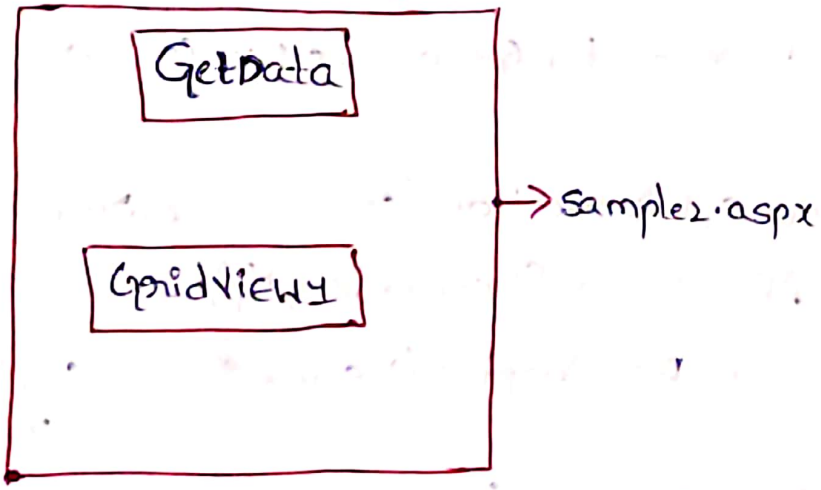
Code:

```
Using system.configuration;

Protected void btnsubmit_click ( " " )
{
txt sample1.Text = ConfigurationManager.Appsettings["a"];
txt sample2.Text = ConfigurationManager.Appsettings["b"];
}
```

→ run the Application and check

* Example to store connection string value with in App settings and accessing it from Web page.



→ Create a NEW Webpage With the Name Sample2. aspx then design the page, go to Web.config file. Write the following code in Appsettings.

```
<appsettings>
  <add key="constring" value="server=;UserID=;
</appsettings>
```

→ Go to sample2.aspx.cs file Write the following Code.

```
using system.Data;
using system.Data.SqlClient;
using system.Configuration;

Sql connection con;
Sql DataAdapter Da;
Dataset DS;

Protected void btnGetData_click ( )
{
con = new sql connection (configurationManager.
        AppSettings ["constring"]);
Da = new SqlDataAdapter ("select * from empDetails",
                                    con);
DS = New Dataset ();
Da.Fill (DS, "EMP");
GridView1.DataSource = DS.Tables [0];
GridView1.DataBind ();
}
```

* Working With Connection strings tag :-

→ Connection strings tag in Web.config file. is introduced by microsoft. exclusively to work with connection strings.

→ microsoft Introduced this tag in Asp.net 2.0 Version.

→ In connection strings tag We use Name and Connectstrings attributes in the add subtag to store the required connection strings.

→ We use the connection string in the following Way.

→ <connection strings>

<add name = "conString" connection string = "server =; user Id = ;" />

</connection string>

→ To access this from any Webpage We use connection strings property from configuration. Manager class like

→ ConfigurationManager.ConnectionStrings["conString"]

→ the data in the connection strings is stored with a class type that is connectionstring settings.

→ Example to store the connectionstring in Connection strings tag of Web.config file.

→ Create a NEW Webpage With the name Sample3.aspx, design the page, go to Web.config file,

Write the following code for connection strings Tags.

→ <Connection strings>

<add name="constring" Connection string="server = ; User Id = ;" />

</connection string>

→ go to sample3.aspx.cs file write the following code.

```
Using system.Data;
Using System.Data.SqlClient;
Using system.configuration.

Sql Connection con; Sql dataAdapter Da;
Dataset DS;

Protected Void btnGetData_click ( " " )
{
Connection string settings CS = new Connection string
                                Settings ();

CS = ConfigurationManager.ConnectionStrings ["constring"]
Con = new Sql Connection (cs.connection string);
Da = NEW Sql DataAdapter ("select * from EmpDetails",
                          con);

DS = NEW Dataset ();
Da.Fill (DS,"Emp");
GridView1.DataSource = DS.Tables [0];
GridView1.DataBind ();
}
```