

Database Connection in c#

Step 1:Create Database In Ms Access

Step 2:Create Table in Database

Step 3:Open Server Explorer in View Menu or Ctrl+W+L

Step 4:Click on Connect To Database >Add Connection

Step 5:Select Database File Location

Step 6:Your Database and its table is displayed

Step 7:Click Tables>Table Name Then Right Click Retrieve Data

Step 8:Right Click on Database >Properties And Copy Connection String

Step 9:Open Solution Explorer > App.config

Step 10: Create <connectionStrings> Tag after ending of </startup> tag

Step 11: Example:

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <startup>
    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.8" />
  </startup>
  <connectionStrings>
    <add name="dbcs" connectionString="Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=E:\c#\LoginForm\login.accdb" providerName="System.Data.OleDb"/>
  </connectionStrings>
</configuration>
```

->Create name in add tag and paste connection String in connectionString="" and add providername like same

Step 12: Open Form1.cs File

Step 13: Add namespace

using Syetem.Data.OleDb;

Step 14: Open Solution Explorer >Project >Right Click >Add Reference>tick S.conystem.Configuration

->add namespace

using System.configuration;

Step 15: Add this Line Inside partial class

string cs=ConfigurationManager.ConnectionStrings["dbcs"].ConfurationString;

```
Step 16: OleDbConnection con = new OleDbConnection(cs);
con.Open();
string query = "select * from login where UserName=@user and PassWord=@pass";
OleDbCommand cmd = new OleDbCommand(query, con);

con.Close();
```