**Microsoft SQL**

**Insert Values**

using System.Data.SqlClient; //Sql Library

public void text()

{

//1.Address of SQL server and Database

string connectionString = "Data Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=\"C: [\\librarymanagment\\](file:///\\librarymanagment\\) LibraryManagement DB \\LibraryManagement DB\\LibraryDB.mdf\";Integrated Security=True;Connect Timeout=30";

//2.Establish Connection

SqlConnection connection = new SqlConnection(connectionString);

//3. open Connection

connection.Open();

//4.Prepare Query

string sql = "INSERT INTO [user] (Name,MobileNumber,UserName,Password) VALUES ('Joe Wally','0123456789','joe','joe')"; OR

string sql = "INSERT INTO [user] (Name,MobileNumber,UserName,Password) VALUES (‘”+name +”’, ‘”+ mobNum+”’, ‘”+username +”’, ‘”+ pswd+”’)”;

//5.Execute query

SqlCommand cmd = new SqlCommand(sql, connection);

cmd.ExecuteNonQuery();

//6.Connection closed

connection.Close();

}

**View Data**

public void UserDetails()

{

Console.Clear();

login.title();

//1.Address of SQL server and Database

string connectionString = "Data Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=\"C:\\ LibraryManagement DB\\LibraryManagement DB\\LibraryDB.mdf\";Integrated Security=True;Connect Timeout=30";

//2.Establish Connection - connect object

SqlConnection connection = new SqlConnection(connectionString);

//3. open Connection

connection.Open();

//4.Prepare Query

string sqlQuery = "SELECT \* FROM [user]";

//5.Execute query

SqlCommand command = new SqlCommand(sqlQuery, connection);

SqlDataReader reader = command.ExecuteReader();

while (reader.Read())

{

Console.WriteLine("UserID: {0}, Name: {1}, Status: {2}", reader.GetInt32(0), reader.GetString(1), reader.GetString(5));

}

// reader.Close();

//6.Connection closed

connection.Close();

Console.WriteLine("\nPlease Click enter to Main Menu");

Console.ReadLine();

}