ou can password protect SQLite3 DB. For the first time before doing any operations, set password as follows.

SQLiteConnection conn = new SQLiteConnection("Data Source=MyDatabase.sqlite;Version=3;");

conn.SetPassword("password");

conn.open();

then next time you can access it like

conn = new SQLiteConnection("Data Source=MyDatabase.sqlite;Version=3;Password=password;");

conn.Open();

This wont allow any GUI editor to view your data. Some editors can decrypt the DB if you provide the password. The algorithm used is RSA.

Later if you wish to change the password, use

conn.ChangePassword("new\_password");

To reset or remove password, use

conn.ChangePassword(String.Empty);

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Data.SQLite;

using System.Data;

using SQLite;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

//string fullPath = "C:\\Sqlite\\student.db";

//System.Data.SQLite.SQLiteConnection conread = new System.Data.SQLite.SQLiteConnection("Data Source=" + fullPath);

System.Data.SQLite.SQLiteConnection conread = new System.Data.SQLite.SQLiteConnection(@"Data Source=C:\\Sqlite\\student.db;Version=3;FailIfMissing=True;Password=pass");

//conread.SetPassword("password");

conread.Open();

//conread.ChangePassword("pass");

try {

System.Data.SQLite.SQLiteCommand cmd = new System.Data.SQLite.SQLiteCommand(conread);

cmd.CommandText = "DROP TABLE IF EXISTS Carss";

cmd.ExecuteNonQuery();

cmd.CommandText = "CREATE TABLE Carss (carid int , carname varchar(20))";

cmd.ExecuteNonQuery();

cmd.CommandText = "INSERT INTO Carss SELECT carid, carname from sample ";

cmd.ExecuteNonQuery();

cmd.Dispose();

}

catch (System.Data.SQLite.SQLiteException ex)

{

throw ex;

}

}

}

}