MySql Cheet sheet

After installation

1. To connect to sql server, give the following command
   1. Sqlcmd -S <server name/IP> -U user -P password (<https://docs.microsoft.com/en-us/sql/tools/sqlcmd-utility?view=sql-server-2017> )
2. To see all databases
   1. SELECT <column nam> FROM sys.sysdtaabases

go

1. To change database

use <database name>

go

C# :

In C#, there is ado.net which will take connect string containing all the details and will create the connection. After which you need to create command connection and querry etc. Following code will be a quick reference for that

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using System.Data;

using System.Data.SqlClient;

namespace adotdotnetConsoleApp

{

public class Program

{

public static void Main(string[] args)

{

Console.WriteLine("Ado.net console app\n");

//Data Source=127.2.3.4\SQLEXPRESS,1433;Network Library=DBMSSOCN;Initial Catalog=dbase;User ID=sa;Password=password

//Data Source=tcp:127.2.3.4;Initial Catalog=dbase;User ID=sa;Password=password

//string connectionString = "Data Source=(local);Initial Catalog=Northwind;" + "Integrated Security=true";

string connectionString = "Data Source=<SERVER IP/MACHINE NAME>;Initial Catalog=<DATA BASE NAME E.G. Northwind>;User ID=<USER ID>;Password=<PASSWORD>;Connection Timeout=10;" + "Integrated Security=false";

//string connectionString = @"Server=server\instance;Database=Northwind;Integrated Security=True";

// Provide the query string with a parameter placeholder.

/\*string queryString =

"SELECT ProductID, UnitPrice, ProductName from dbo.products "

+ "WHERE UnitPrice > @pricePoint "

+ "ORDER BY UnitPrice DESC;";

\*/

string queryString = "SELECT ProductName from dbo.products";

// Specify the parameter value.

int paramValue = 5;

// Create and open the connection in a using block. This

// ensures that all resources will be closed and disposed

// when the code exits.

using (SqlConnection connection =

new SqlConnection(connectionString))

{

// Create the Command and Parameter objects.

SqlCommand command = new SqlCommand(queryString, connection);

//command.Parameters.AddWithValue("@pricePoint", paramValue);

// Open the connection in a try/catch block.

// Create and execute the DataReader, writing the result

// set to the console window.

try

{

connection.Open();

SqlDataReader reader = command.ExecuteReader();

while (reader.Read())

{

// Console.WriteLine("\t{0}\t{1}\t{2}", reader[0], reader[1], reader[2]);

Console.WriteLine("\t{0}", reader[0]);

}

reader.Dispose();//.Close();

}

catch (Exception ex)

{

Console.WriteLine(ex.Message);

}

//Console.ReadLine();

}

}

}

}