连接SqlServer数据库

using System.Data.SqlClient;

string connStr = "data source=127.0.0.1;initial catalog=database;user id=sa;pwd=sa";

SqlConnection conn = new SqlConnection(connStr);

连接数据库,并从数据库中读取数据后并输出!

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Data.SqlClient;

namespace Login

{

class Program

{

static void Main(string[] args)

{

//新建一个数据库连接

using(SqlConnection conn = new SqlConnection(GetConnectString()))

{

conn.Open();//打开数据库

//Console.WriteLine("数据库打开成功!");

//创建数据库命令

SqlCommand cmd = conn.CreateCommand();

//创建查询语句

cmd.CommandText = "SELECT \* FROM userinfo";

//从数据库中读取数据流存入reader中

SqlDataReader reader = cmd.ExecuteReader();

//从reader中读取下一行数据,如果没有数据,reader.Read()返回flase

while (reader.Read())

{

//reader.GetOrdinal("id")是得到ID所在列的index,

//reader.GetInt32(int n)这是将第n列的数据以Int32的格式返回

//reader.GetString(int n)这是将第n列的数据以string 格式返回

int id = reader.GetInt32(reader.GetOrdinal("id"));

string name = reader.GetString(reader.GetOrdinal("name"));

string pwd = reader.GetString(reader.GetOrdinal("password"));

int age = reader.GetInt32(reader.GetOrdinal("age"));

string sex = reader.GetString(reader.GetOrdinal("sex"));

string phone = reader.GetString(reader.GetOrdinal("phone"));

string address = reader.GetString(reader.GetOrdinal("Address"));

//格式输出数据

Console.Write("ID:{0},Name:{1},PWD:{2},Age:{3},Sex:{4},Phone{5},Address:{6}\n", id, name, pwd, age, sex, phone, address);

}

}

Console.ReadKey();

}

//得到一个数据库连接字符串

static string GetConnectString()

{

return "Data Source=(local);Initial Catalog=db1;Integrated Security=SSPI;";

}

}

}