

Tools→connect to database→

Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source: ODP.NET, Managed Driver Change...

Connection Details Filters

Specify the following details to add a new connection.

☐ Use Windows integrated authentication

User name: USER1

Password: \*\*\*\*\*

☐ Save password

☐ Connect as SYSDBA role

Connection Type: EZ Connect

Database host name: 172.16.54.24

Port number: 1521

Database service name (e.g. ORCL): ictord

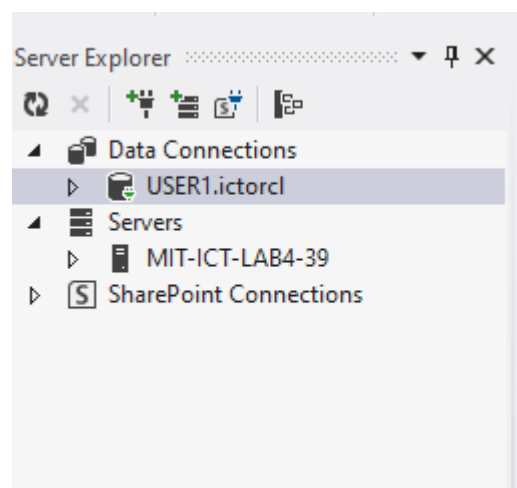
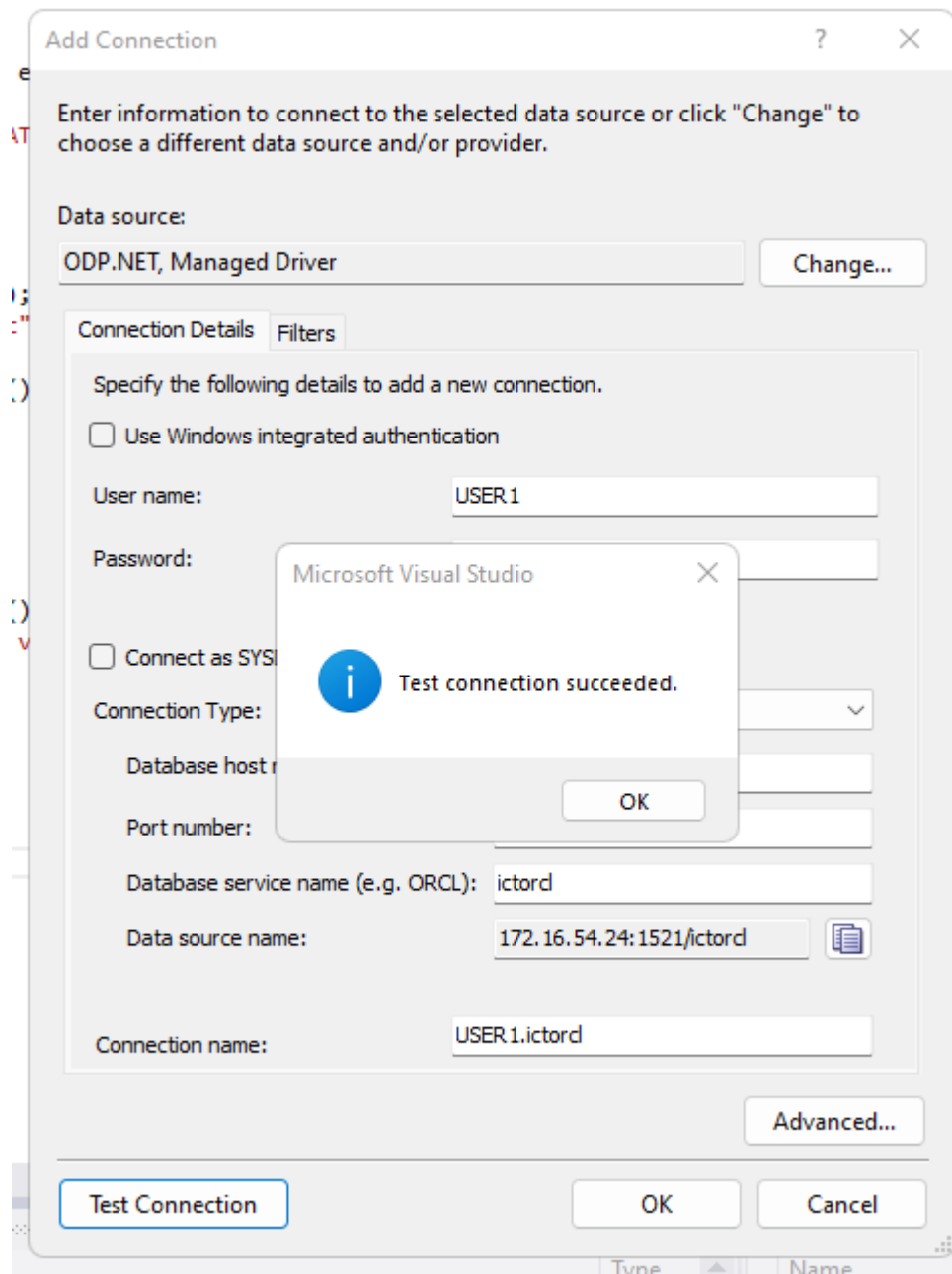
Data source name: 172.16.54.24:1521/ictord

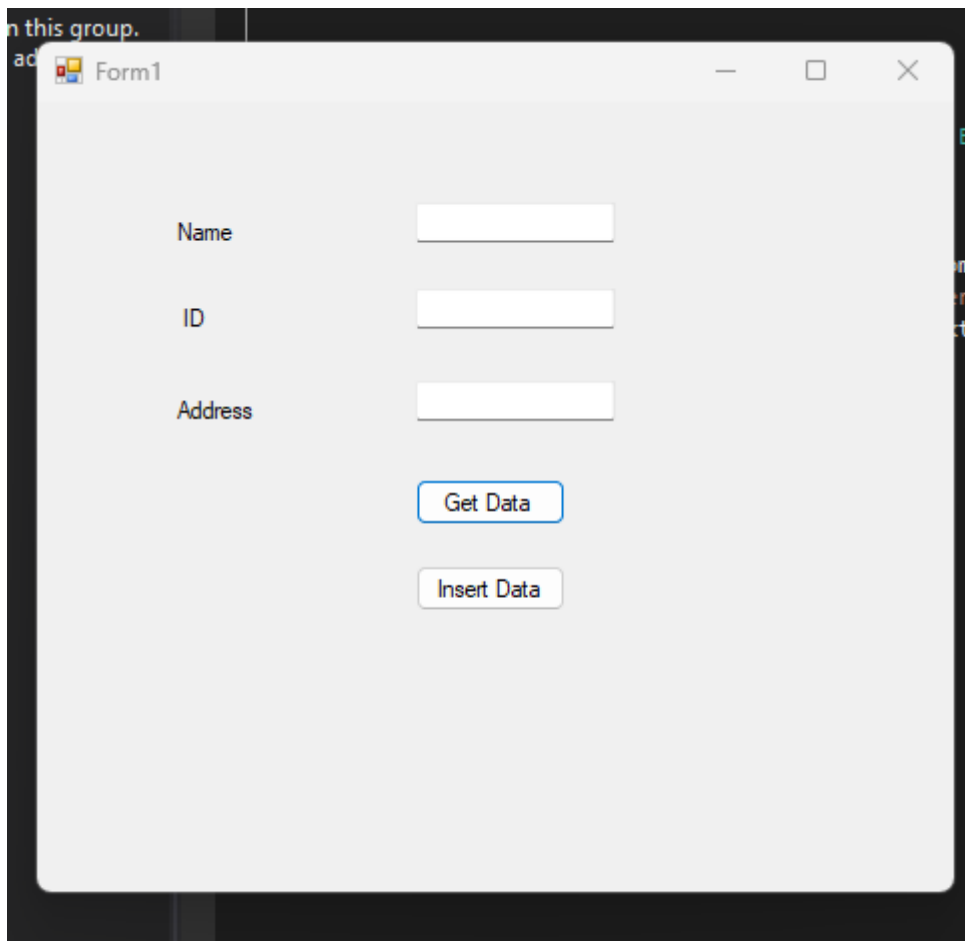
Connection name: USER1.ictord

Advanced...

Test Connection OK Cancel

Click on Test Connection





```
SQL> create table person01( name varchar(6), ID varchar(3), address varchar(10));
```

Table created.

```
SQL> desc person01
```

Name	Null?	Type
NAME		VARCHAR2(6)
ID		VARCHAR2(3)
ADDRESS		VARCHAR2(10)

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using Oracle.DataAccess.Client;
```

```

namespace WindowsFormsApplication3
{

    public partial class Form1 : Form
    {
        OracleConnection conn;
        public Form1()
        {
            InitializeComponent();

            private void Form1_Load(object sender, EventArgs e)
            {

            }

            public void ConnectDB()
            {
conn = new OracleConnection("DATA SOURCE=172.16.54.24:1521/ictorcl;USER
ID=USER1;PASSWORD=student");
                try
                {
                    conn.Open();
                    MessageBox.Show("Connected");
                }
                catch (Exception e1)
                {
                }
            }

            private void button1_Click(object sender, EventArgs e)
            {
                // to fetch data from student;
                ConnectDB();

                OracleCommand command1 = conn.CreateCommand();

                command1.CommandText = "select name,id,address from person_033";

                command1.CommandType = CommandType.Text;
                OracleDataReader dr = command1.ExecuteReader();
                dr.Read();
                textBox1.Text = dr.GetString(0);
                textBox2.Text = dr.GetString(1);
                textBox3.Text = dr.GetString(2);
                command1.Dispose();

                conn.Close();

            }

            private void button2_Click(object sender, EventArgs e)
            {
                ConnectDB();

                OracleCommand command1 = conn.CreateCommand();
                command1.CommandText = "insert into person01 values('" + textBox1.Text + "',''+
                textBox2.Text + "',''+ textBox3.Text + "')";
            }
        }
    }
}

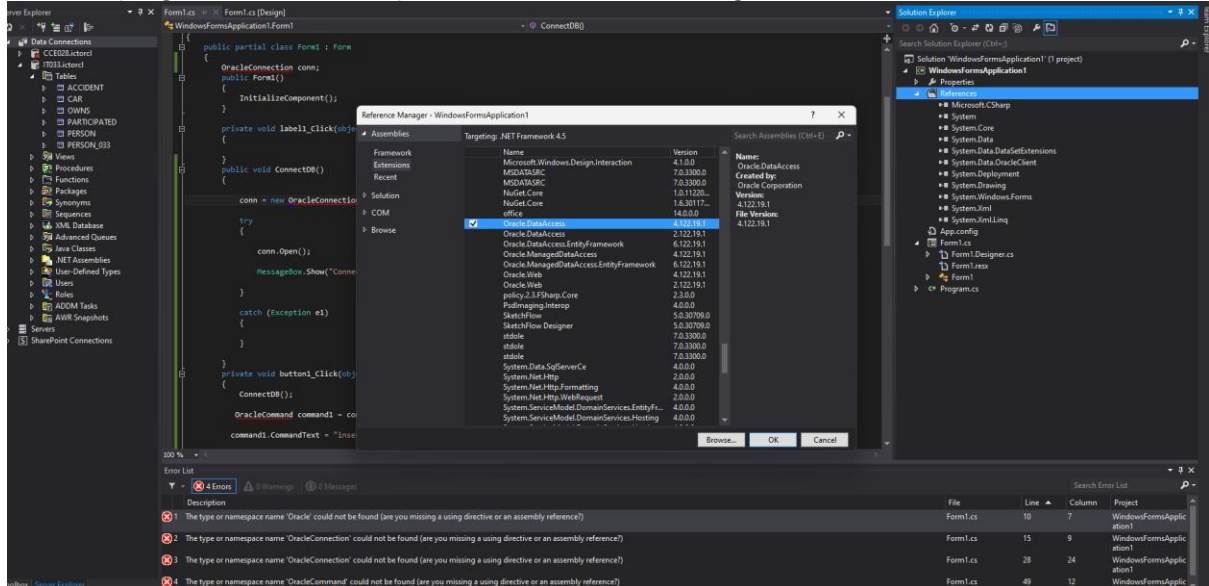
```

```

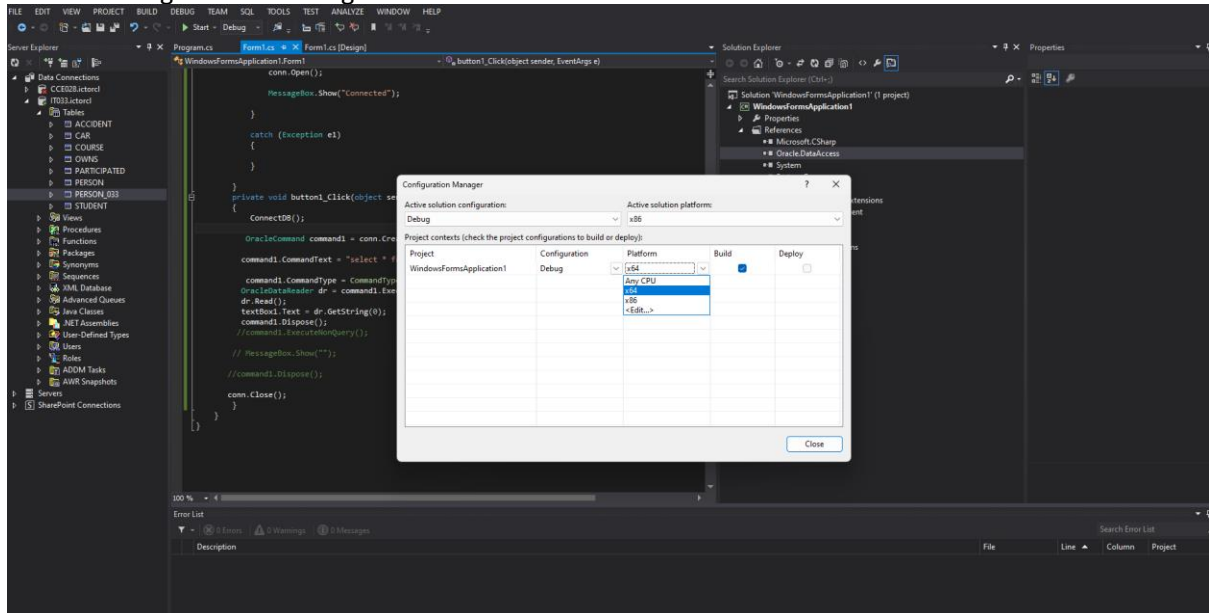
command1.CommandType = CommandType.Text;
command1.ExecuteNonQuery();
MessageBox.Show("Inserted");
command1.Dispose();
conn.Close();
}
}
}

```

Next step: go to solution explorer-> references-> right click-> add references



Build configuration manager



C:\Users\STUDENT\Documents\Visual Studio  
2012\Projects\WindowsFormsApplication1\WindowsFormsApplication1\