public partial class Form3 : Form

{

public Form3()

{

InitializeComponent();

}

private void Form3\_Load(object sender, EventArgs e)

{

InvoiceList.myInvoices.Add(new Invoice(111, "BBB", 22, 30.00M));

InvoiceList.myInvoices.Add(new Invoice(333, "aaa", 1, 10.00M));

InvoiceList.myInvoices.Add(new Invoice(5555, "zzz", 5, 15.00M));

InvoiceList.myInvoices.Add(new Invoice(6666, "hhh", 32, 50.00M));

InvoiceList.myInvoices.Add(new Invoice(7777, "eee", 2, 25.00M));

}

private void button1\_Click(object sender, EventArgs e)

{

var sortInv =

from el in InvoiceList.myInvoices

orderby el.PartDescription

select el;

foreach(var item in sortInv)

{

listBox1.Items.Add(item.ToString());

}

// new LINQ

var qtyInv =

from item in InvoiceList.myInvoices

where item.Quantity >= 5

select item;

foreach (var item in qtyInv)

{

listBox2.Items.Add(item.ToString());

}

// new LINQ

var price20To40 =

from el in InvoiceList.myInvoices

where el.Price >= 20 && el.Price <= 40

select el;

foreach (var item in price20To40)

{

listBox3.Items.Add(item.ToString());

}

// new LINQ

var myObj =

from el in InvoiceList.myInvoices

select new { el.PartDescription, el.Price };

foreach (var item in myObj)

{

listBox4.Items.Add(item.ToString());

}

listBox4.Items.Add("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

foreach (var item in myObj)

{

listBox4.Items.Add(item.PartDescription+" "+

item.Price);

}

}

}

}