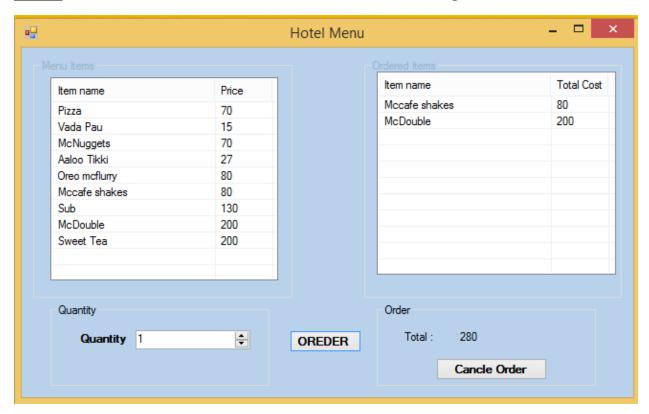# Practical-9

Aim:- Create a windows Form for Hotel Menu using ListView.

The form should contain ListView, NumericUpDpwn and button as displayed.

You should be able to select single item from listview.

The selected values can be shifted in another listview displayed.

The selected multiple items can be removed from listview 2.

Make total of selected item in display in label.

Code:

Form1.cs

```
using System;
using System.Collections.Generic;
```

```csharp
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace Practical_9
{
    public partial class Form1 : Form
    {
        static int total = 0;
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {

            listView1.Columns.Add("Iteam Menu", 174);
            listView1.Columns.Add("Price");
            listView1.View = View.Details;
            addtolistview("Pizza", 70);
            addtolistview("Dabeli", 20);
            addtolistview("Puff", 15);
            addtolistview("Sandwich", 80);
            addtolistview("Burger", 50);
            addtolistview("aaloo tikki", 45);
            addtolistview("McDouble", 200);
            addtolistview("Bhel", 20);
            addtolistview("Cold Drik", 150);
            addtolistview("Ice Cream", 100);
            addtolistview("Water", 35);

            numericUpDown1.Minimum = 1;
            numericUpDown1.Maximum = 20;

            listView1.FullRowSelect = true;

            listView2.Columns.Add("Item", 90);
            listView2.Columns.Add("Quantity", 50);
            listView2.Columns.Add("Price");
            listView2.View = View.Details;
```

```csharp
        }
        private void addtolistview(string ins, int price)
        {
            ListViewItem l = new ListViewItem(ins,price);
            l.SubItems.Add(price.ToString());
            listView1.Items.Add(l);


        }

        private void button1_Click(object sender, EventArgs e)
        {

            if (listView1.SelectedItems.Count > 0)
            {
                ListViewItem item = new
ListViewItem(listView1.SelectedItems[0].Text);
                int pr =
Convert.ToInt32(listView1.SelectedItems[0].SubItems[1].Text);
                pr =pr* Convert.ToInt32(numericUpDown1.Value);

                item.SubItems.Add(numericUpDown1.Value.ToString());
                item.SubItems.Add(pr.ToString());
                listView2.Items.Add(item);

                total = total + pr;
                label3.Text = total.ToString();


            }
            else
            {
                MessageBox.Show("Please Selected one iteams");
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            if (listView2.SelectedItems.Count > 0)
            {
                DialogResult confirm = MessageBox.Show("item is
cancel");
                for (int i = listView2.SelectedItems.Count -1; i>=0;i-
-)
                {
                    int pr =
Convert.ToInt32(listView2.SelectedItems[i].SubItems[2].Text);
```

```
                total = total - pr;
                label3.Text = total.ToString();
                listView2.SelectedItems[i].Remove();
            }

        }
        else
        {
            MessageBox.Show("Please Select at least one iteam");
        }
    }
}
}
```

Output:

Hotel Menu   — ☐ ✕

Menu Items

Iteam Menu	Price
Pizza	70
Dabeli	20
Puff	15
Sandwich	80
Burger	50
aaloo tikki	45
McDouble	200
Bhel	20
Cold Drik	150
Ice Cream	100
Water	35

Oder Items

Item	Quant...	Price
Pizza	1	70
Sandwich	3	240
Water	3	105

Quantity

Quantity   3

Order

Total :   415

[Order]

[Cancel Order]

Hotel Menu			— □ ✕

Menu Items

Iteam Menu	Price
Pizza	70
Dabeli	20
Puff	15
Sandwich	80
Burger	50
aaloo tikki	45
McDouble	200
Bhel	20
Cold Drik	150
Ice Cream	100
Water	35

Oder Items

Item	Quant...	Price
Sandwich	3	240
Water	3	105

Quantity

Quantity   3

Order

Total :   345

Order

Cancel Order