

```

using System;
using System.Windows.Forms;

namespace MildAtlanticTours
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();

            const string LOCATION1 = "Cliffs of Moher", LOCATION2 = "Kylemore
Abbey", LOCATION3 = "Bunratty Castle", LOCATION4 = "The Burren", LOCATION5 =
"Connemara", LOCATION6 = "Belmullet";
            const decimal LOCATION1COST = 55m, LOCATION2COST = 50m, LOCATION3COST
= 75m, LOCATION4COST = 45m, LOCATION5COST = 75m, LOCATION6COST = 99m;
            const string DEPARTURETIME1 = "07.00 AM", DEPARTURETIME2 = "08.00
AM", DEPARTURETIME3 = "09.00 AM", DEPARTURETIME4 = "10.00 AM", DEPARTURETIME5
= "11.00 AM", DEPARTURETIME6 = "13.00 PM";
            const decimal DEPARTUREDISCOUNT1 = .20m, DEPARTUREDISCOUNT2 = .10m,
DEPARTUREDISCOUNT3 = .05m, DEPARTUREDISCOUNT4 = .0m, DEPARTUREDISCOUNT5 = .0m,
DEPARTUREDISCOUNT6 = .25m, MINIMUMNUMBERDISCOUNT = .075m;

            private void CalculateButton_Click(object sender, EventArgs e)
            {
                int DestinationIndex = 0, DepartIndex = 0;
                decimal DestinationPrice = 0m, DepartDiscount = 0m,
                    ExcursionCost;
                string Destination = "", DepartTime = "";

                if ((DestinationListBox.SelectedIndex != -1))
                {
                    if ((DepartTimeListBox.SelectedIndex != -1))
                    {
                        DestinationIndex = DestinationListBox.SelectedIndex;
                        DepartIndex = DepartTimeListBox.SelectedIndex;

                        switch (DestinationIndex)
                        {
                            case 0: Destination = LOCATION1; DestinationPrice =
                                LOCATION1COST; break;
                            case 1: Destination = LOCATION2; DestinationPrice =
                                LOCATION2COST; break;
                            case 2: Destination = LOCATION3; DestinationPrice =
                                LOCATION3COST; break;
                            case 3: Destination = LOCATION4; DestinationPrice =
                                LOCATION4COST; break;
                            case 4: Destination = LOCATION5; DestinationPrice =
                                LOCATION5COST; break;
                            case 5: Destination = LOCATION6; DestinationPrice =
                                LOCATION6COST; break;
                        }
                    }
                }
            }
        }
    }
}

```

```

switch (DepartIndex)
{
    case 0: DepartTime = DEPARTURETIME1; DepartDiscount =
        DEPARTUREDISCOUNT1; break;
    case 1: DepartTime = DEPARTURETIME2; DepartDiscount =
        DEPARTUREDISCOUNT2; break;
    case 2: DepartTime = DEPARTURETIME3; DepartDiscount =
        DEPARTUREDISCOUNT3; break;
    case 3: DepartTime = DEPARTURETIME4; DepartDiscount =
        DEPARTUREDISCOUNT4; break;
    case 4: DepartTime = DEPARTURETIME5; DepartDiscount =
        DEPARTUREDISCOUNT5; break;
    case 5: DepartTime = DEPARTURETIME6; DepartDiscount =
        DEPARTUREDISCOUNT6; break;
}

ExcursionCost = (DestinationPrice - (DestinationPrice *
    DepartDiscount));

OutputLabel.Text = "\n" + "Destination: " + Destination +
    "\n" + "\n" + "Departure Time: " + DepartTime + "\n"
    + "\n" + "Total Cost of Excursion:" +
    ExcursionCost.ToString("C");
}
else
{
    MessageBox.Show("Please select a departure time",
        "Departure Time Needed", MessageBoxButtons.OK,
        MessageBoxIcon.Exclamation);
}
}
else
{
    MessageBox.Show("Please select a destination", "Destination
        Needed", MessageBoxButtons.OK, MessageBoxIcon.Exclamation);
}
}

private void ExitButton_Click_1(object sender, EventArgs e)
{
    this.Close();
}
}
}

```