PART A

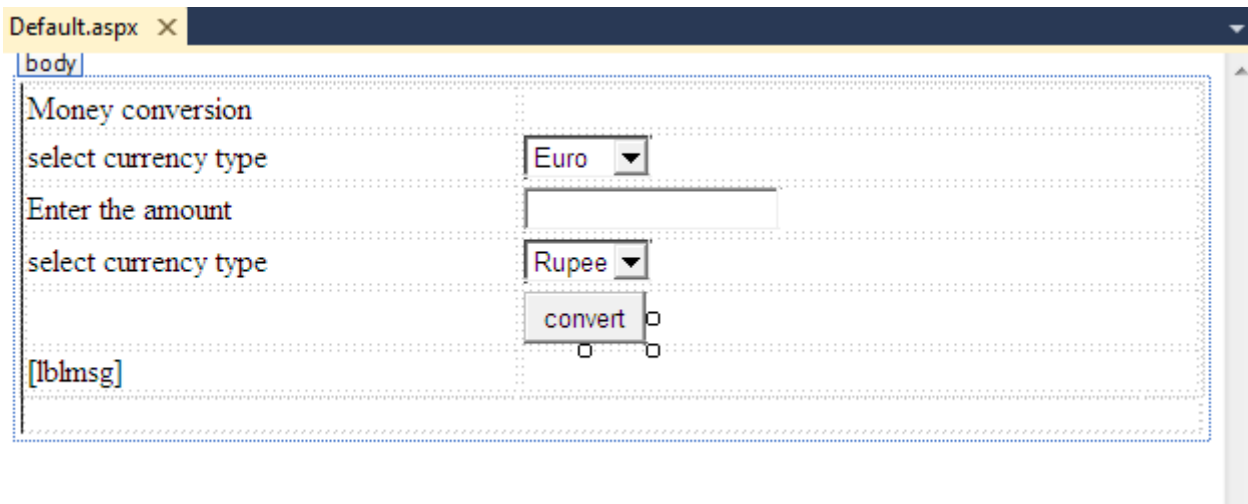**Name   : Arathi Rajagopalan**
Reg No : 2017BCASD004

1. Q: Create a simple web application for money conversion.

Design:

Property

Control	Property	Value
Label 1	ID	lblmoneyconvertion
	Text	Money convertion
Label 2	ID	lbltype1
	Text	Select currency type
Label 3	ID	lblamt
	Text	Enter the amount
Label 4	ID	lbltype2
	Text	Select currency type
Label 5	ID	lblmsg
	Text	
Drop down list	ID	ddltype1
Text box	ID	txtamt
Drop down list	ID	ddltype2
Button	ID	btnconvert
	Text	convert

Code for convert button :

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    protected void btnconvert_Click(object sender, EventArgs e)
    {
        double amt;
        amt = Convert.ToDouble(txtamt.Text);
        if (ddltype1.SelectedItem.Value == "Dollar" && ddltype2.SelectedItem.Value == "Rupee")
            lblmsg.Text = "Rs" + Convert.ToString(amt * 67);
        else if (ddltype1.SelectedItem.Value == "Rupee" && ddltype2.SelectedItem.Value ==
"Dollar")
            lblmsg.Text = "$" + Convert.ToString(amt / 67);
        else if (ddltype1.SelectedItem.Value == "Euro" && ddltype2.SelectedItem.Value == "Rupee")
            lblmsg.Text = "Rs" + Convert.ToString(amt * 120);
        else if (ddltype1.SelectedItem.Value == "Rupee" && ddltype2.SelectedItem.Value == "Euro")
            lblmsg.Text = "Euro" + Convert.ToString(amt / 120);
        else if (ddltype1.SelectedItem.Value == "Dollar" && ddltype2.SelectedItem.Value == "Euro")
            lblmsg.Text = "Euro" + Convert.ToString(amt * 25);
        else if (ddltype1.SelectedItem.Value == "Euro" && ddltype2.SelectedItem.Value == "Dollar")
            lblmsg.Text = "$" + Convert.ToString(amt / 25);
        else
            lblmsg.Text = Convert.ToString(amt);
    }
}
```

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 2. Q:

<u>Design :</u>
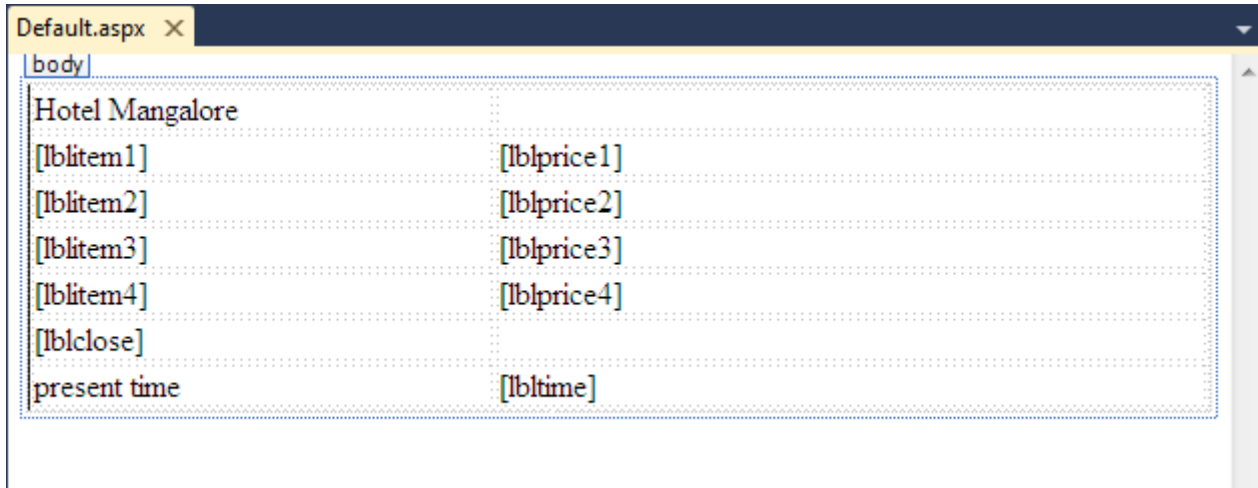
<u>Property</u>

Control	Property	Value
Label 1	ID	lbltype1
	Text	Hotel Mangalore
Label 2	ID	lblitem1
	Text	
Label 3	ID	lblprice1
	Text	
Label 4	ID	lblitem2
	Text	
Label 5	ID	lblprice2
	Text	
Label 6	ID	lblitem3
	Text	
Label 7	ID	lblprice3
	Text	
Label 8	ID	lblitem4
	Text	
Label 9	ID	lblprice4

		Text	
Label 10	ID		lblclose
		Text	
Label 11	ID		lbltype2
		Text	present time
Label 12	ID		lbltime
		Text	

Code :

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        lbltime.Text = DateTime.Now.ToString();
        if (DateTime.Now.Hour >= 6 && DateTime.Now.Hour <= 12)
        {
            lblitem1.Text = "Dosa";
            lblprice1.Text = "rs.20";
            lblitem2.Text = "pulav";
            lblprice2.Text = "rs.30";
            lblitem3.Text = "idali";
            lblprice3.Text = "rs.20";
            lblitem4.Text = "porota";
            lblprice4.Text = "rs.25";
        }
        else if (DateTime.Now.Hour >12 && DateTime.Now.Hour <= 15)
        {
            lblitem1.Text = "meals";
            lblprice1.Text = "rs.40";
            lblitem2.Text = "veg biriyani";
            lblprice2.Text = "rs.80";
            lblitem3.Text = "fride rice";
            lblprice3.Text = "rs.70";
            lblitem4.Text = "roti";
            lblprice4.Text = "rs.25";
        }
        else if (DateTime.Now.Hour >15 && DateTime.Now.Hour <= 19)
        {
            lblitem1.Text = "gobi mancuri";
            lblprice1.Text = "rs.65";
            lblitem2.Text = "podi";
            lblprice2.Text = "rs.10";
```
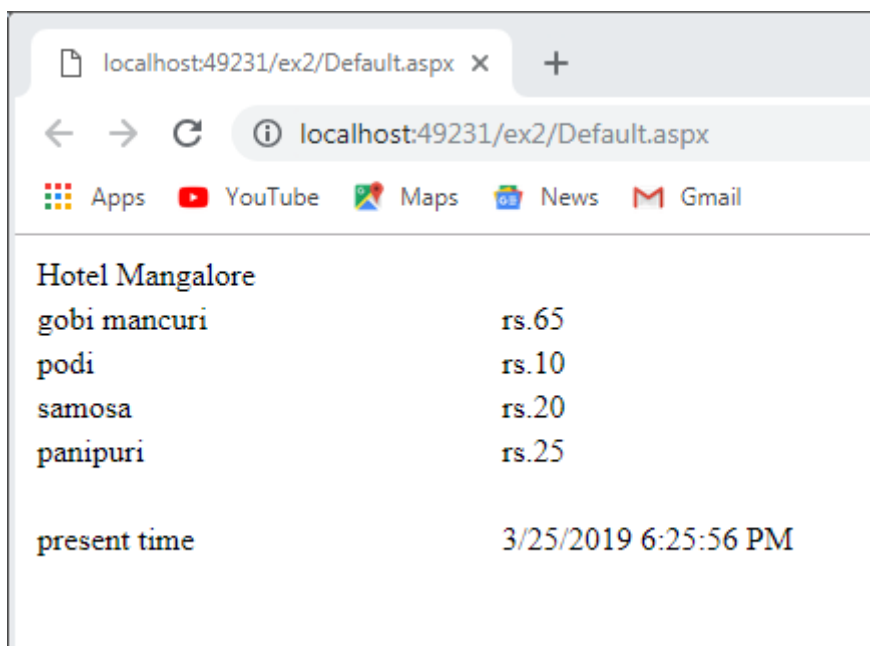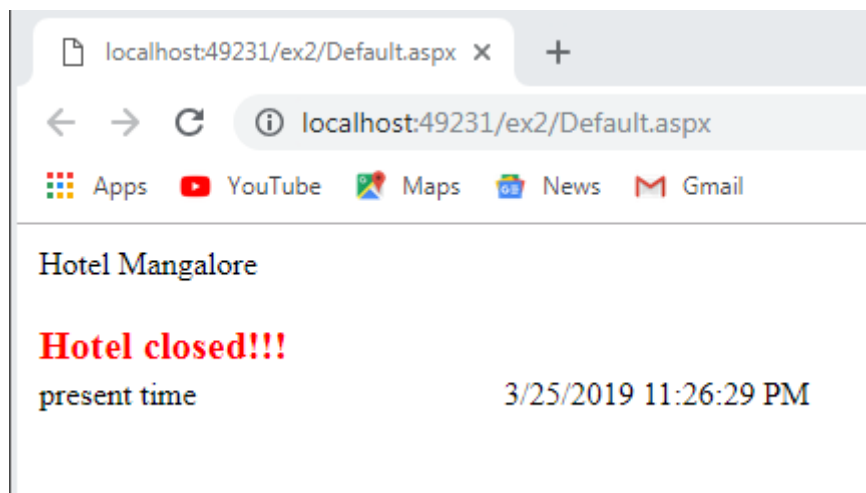
```
        lblitem3.Text = "samosa";
        lblprice3.Text = "rs.20";
        lblitem4.Text = "panipuri";
        lblprice4.Text = "rs.25";
    }
    else
    {
        lblclose.Text="Hotel closed!!!";
        lblclose.ForeColor=System.Drawing.Color.Red;
        lblclose.Attributes.Add("style", "font-size:20px;font-
weight:bold;");
         lblitem1.Visible=false;
         lblitem2.Visible=false;
         lblitem3.Visible=false;
         lblitem4.Visible=false;
         lblprice1.Visible=false;
        lblprice2.Visible=false;
        lblprice3.Visible=false;
        lblprice4.Visible=false;
    }
  }
}
```

OUTPUT :

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3. Q: