**Practical 25:**

**Q). Design a page that contains some list of theaters of Famous Cinemas in list box. It should also contain a link button that navigates to a page that displays time table of movies of selected theatre. Store the output of the first page in cache. When user selects theatre, the time table should be read from cache if it exists (Use Data Cache).**

**Theaters.aspx.cs:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace WebApplication1827

{

public partial class Theaters : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void LinkButton1\_Click(object sender, EventArgs e)

{

Session["abc"] = ListBox1.SelectedItem;

Response.Write(Session["abc"]);

Response.Redirect("Page2.aspx");

}

}

}

**Page2.aspx.cs:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace WebApplication21827

{

public partial class Page2 : System.Web.UI.Page

{

protected void Page\_Load(object sender, EventArgs e)

{

String t;

String th = Session["abc"].ToString();

if( th== "PVR")

{

if(Cache["thCachepvr"]==null)

{

t = "<table border=2>";

t += "<tr>";

t += "<td>10:30 to 12</td>";

t += "<td>1 to 3:30</td>";

t += "<td>4 to 6:30</td>";

t += "</tr>";

t += "</table>";

Label1.Text = t;

Cache.Insert("thCachepvr", t, null, DateTime.Now.AddSeconds(30), TimeSpan.Zero);

}

else

{

Response.Write("Reading from the cache memory .");

Label1.Text = Cache["thCachepvr"].ToString();

}

}

else if(th=="Growels")

{

if (Cache["thCachegrowels"] == null)

{

t = "<table border=2>";

t += "<tr>";

t += "<td>10:30 to 12</td>";

t += "<td>1 to 3:30</td>";

t += "<td>4 to 6:30</td>";

t += "</tr>";

t += "</table>";

Label1.Text = t;

Cache.Insert("thCachegrowels", t, null, DateTime.Now.AddSeconds(30), TimeSpan.Zero);

}

else

{

Response.Write("Reading from the cache memory .");

Label1.Text = Cache["thCachegrowels"].ToString();

}

}

else if(th=="Maxus")

{

if (Cache["thCachemaxus"] == null)

{

t = "<table border=2>";

t += "<tr>";

t += "<td>10:30 to 12</td>";

t += "<td>1 to 3:30</td>";

t += "<td>4 to 6:30</td>";

t += "</tr>";

t += "</table>";

Label1.Text = t;

Cache.Insert("thCachemaxus", t, null, DateTime.Now.AddSeconds(30), TimeSpan.Zero);

}

else

{

Response.Write("Reading from the cache memory.");

Label1.Text = Cache["thCachemaxus"].ToString();

}

}

else if(th=="INOX")

{

if (Cache["thCacheinox"] == null)

{

t = "<table border=2>";

t += "<tr>";

t += "<td>10:30 to 12</td>";

t += "<td>1 to 3:30</td>";

t += "<td>4 to 6:30</td>";

t += "</tr>";

t += "</table>";

Label1.Text = t;

Cache.Insert("thCacheinox", t, null, DateTime.Now.AddSeconds(30), TimeSpan.Zero);

}

else

{

Response.Write("Reading from the cache memory.");

Label1.Text = Cache["thCacheinox"].ToString();

}

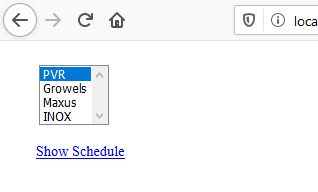
}

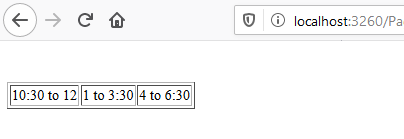
}

}

}

**Output:**





**Again if same theatre is selected, then Data is being read from cache**

