16/8/24 Experiment 6
Design Form
with user control Aim: To implement user controls in windows form Theory: A user control is a collection of Windows forms controls encapsulated in a common container. This Kind of control is referred to as a composite control. The contained controls are called constituent controls. User controls derive from the User Control 1055 User controls are designed like forms, with a visual designer. You create, arrange, and modify, the Constituent controls through the visual designer. The Control events and logic are written exactly the same way as when you're designing a form. The User control is placed on a form just like any other control.

User controls are usable by the project in which they're created, or in other projects that have reference to the user control's library. Steps to Create user control: 1) Create a New User Control: Open your Winforms project in Visual Studio. In solution Explorer, right-click on the project or a folder within the project. · Select , ADD > User conti Sundaram

2) Design the User Control:
After creating the user control, it will open in the designer view.
You can drag and drop controls from the Todbox onto your user control just like you would with a form. 3) Write Code for the User (ontro!

- Switch to the code-behind of the user control (My User Control. (5). · Add properties, method, and event handlers as nee ded 4) Use the User Control in a form.
Build the project to compile the user Control.
In the Toolbox, locate the new Control.
Drag and Drop the user Control onto the on the form, setting properties and handling events

07:41:00

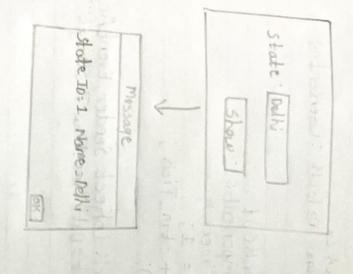
Estate Es name space nem User Control Public Oclock(){
Initialize Component();

thm = hew Timer();

thm. Interval = 1;

thm. Tick + = thm. Tick; Exp6B.Cs Public partial class Oclocks: public class states Void tm_Tick (object Sender, EventArgs e) {
| abel 1. Text=Date Time Now. To String ("HH: mm: ss"); public int ID {
public string Name tm. Start(); Userlontro

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List. Add Cnew States () (ID=4, Name="Punjab" (bo) bate. DisplayMember = "Name"; private void usstate-load labject sorder, Eventhing e) Ustate us public partial class vestate: userControl public States SelectedStates Chastate valvementer = "Ip"; List<states > list = new List<state > ();
ist.Add(new states() {ID=1, Name = "Beth:"});
st.Add(new states() {ID=2, Name = "Bitar"}); Initialize Component (); return (states) chostate selected Them;

form1.cs

public partial class form1:form

public form1 () ;

Initialize (omponent();

private void btnGetState Cobject

private void btnGetState Cobject Sender, EventArgs e) & Message Box. Show (String. Format ("State id = 10), name = {1}", Ustate 1. Selected State. ID, v (State 1. Selected State. Roy Buttons. OK)
edstate. Name), "Message", Message Box Buttons. OK)
}

Conclusion: We Implemented User control in VB .net.