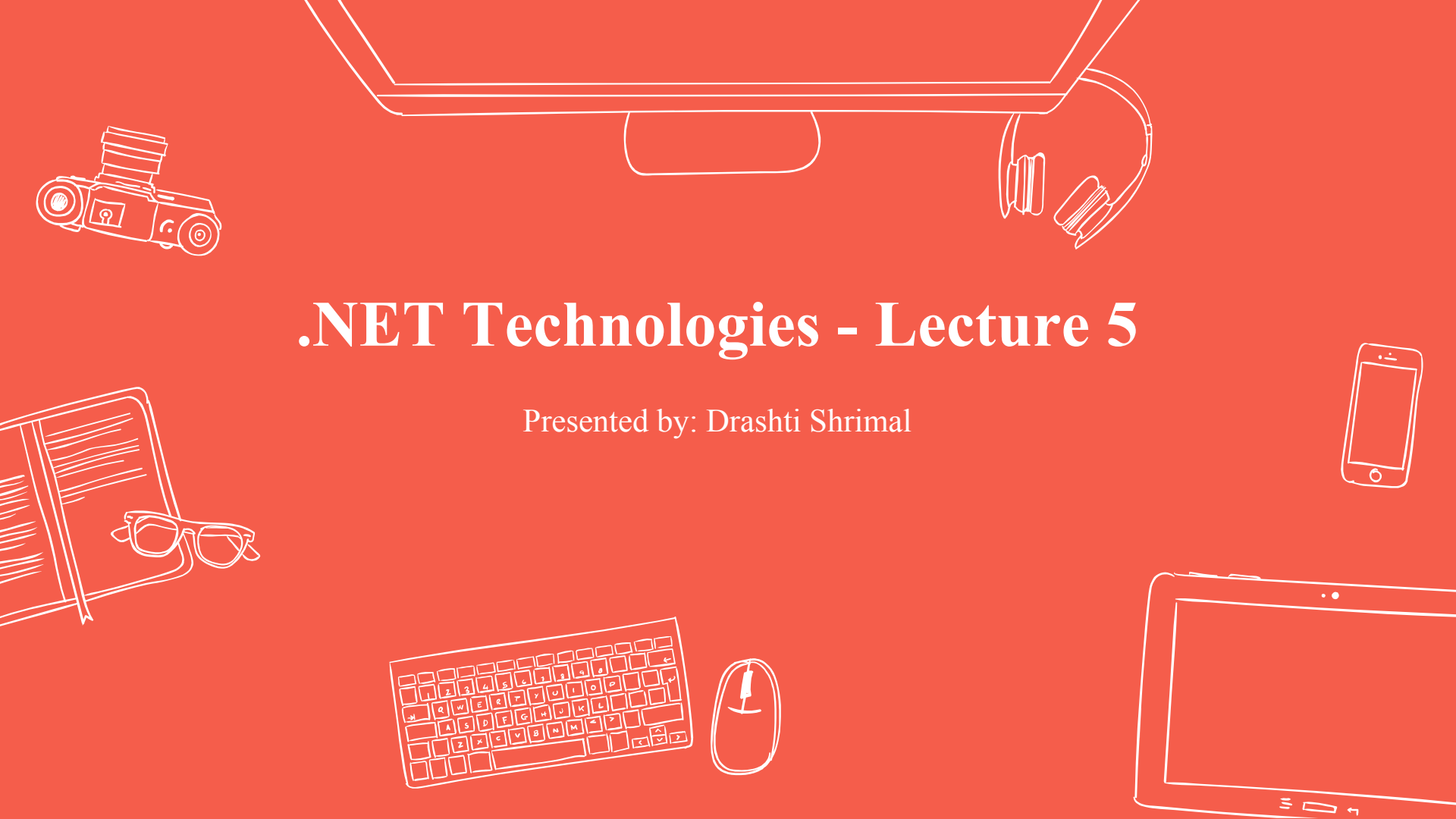


.NET Technologies



.NET Technologies - Lecture 5

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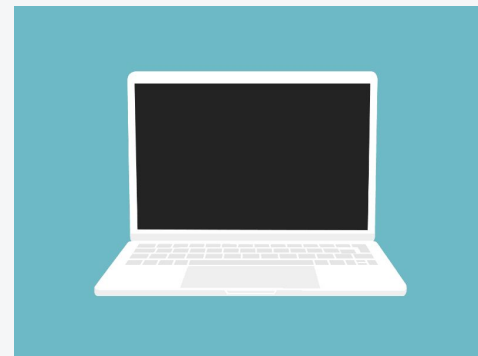


UNIT 1: Topics in this presentation

ASP. NET:

Basic Controls -

- Label**
- Textbox**
- Button**
- Radio Button**
- Checkbox**
- Drop down**



Label

- This control is used to display textual information on the web forms. It is mainly used to create caption for the other controls like: textbox.
- It can be directly written or can be used with asp tag as follows:
- `< asp:LabelID="Label1" runat="server" Text="Label" ></asp:Label>`

Textbox

- This is an input control which is used to take user input. To create TextBox either we can write code or use the drag and drop facility of visual studio IDE.
- Ex: `<asp:TextBox ID="textbox2" runat="server" TextMode="Password"></asp:TextBox>`
- Important Properties :
 - ID : unique identification
 - runat : rendering on server
 - TextMode = "Password" : to make a textbox as password textbox

Button

- This control is used to perform events. It is also used to submit client request to the server. To create Button either we can write code or use the drag and drop facility of visual studio IDE.
- Ex: `<asp:Button ID="Button1" runat="server" Text="Sign Up" />`
- Important Properties :
 - ID : unique identification
 - runat : rendering on server
 - Text : to add Button name
- Button event : click event - function to call when button is clicked.

Ex: `OnClick`

Radio Button

- It is an input control which is used to takes input from the user. It allows user to select a choice from the group of choices.
- Ex: `<asp:RadioButton ID="RadioButton1" runat="server" GroupName="gender" Text="Female"/>`
- Important Properties :
 - ID : unique identification
 - runat : rendering on server
 - Text : to add radio button name
 - GroupName = gives a common group name to list of radio buttons for single selection amongst group.

Check Box

- It is used to get multiple inputs from the user. It allows user to select choices from the set of choices.
- Ex : `<asp:Checkbox ID="checkbox1" runat="server" Text="Reading"/>`
- Important Properties :
 - ID : unique identification
 - runat : rendering on server
 - Text : to add check box name

Drop down

- The DropDownList is a web server control which is used to create an HTML Select component. It allows us to select an option from the dropdown list. It can contain any number of items.
- It contains ListItem element with in it as follows:

Ex: `<asp:DropDownList ID="dropdown1" runat="server" >`

```
<asp:ListItem Value="" Text="--Select--"></asp:ListItem>
```

```
<asp:ListItem Value="Mumbai" Text="Mumbai"></asp:ListItem>
```

```
<asp:ListItem Value="Pune" Text="Pune"></asp:ListItem>
```

```
</asp:DropDownList>
```

Drop down

- Important Properties :

- ID : unique identification
- runat : rendering on server
- Value : Gives a code behind value to the option
- Text : Gives name to the option of dropdown

- Important event - select event - method to call when the option is changed/ selected.

Ex: dropdown1_SelectedIndexChanged