

2. List any four categories of server controls. Explain the common properties of web server controls

- Controls are small building blocks of the graphical user interface, which includes text boxes, buttons, check boxes, list boxes, labels & numerous other tools. Using these tools user can enter data, make selections & indicate their preferences.
- Controls are also used for structural jobs, like validation, data access, creating master pages & data manipulation.

• Categories of Server Controls

1. Validation controls

- These are used to validate user Inputs & they work by running client side script

2. Data Source controls

- These controls provide data binding to different data sources.

3. Personalization controls

- These are used for personalization of a page according to user preferences, based on user Information.

4. Rich Controls

- These controls implement special features. For example - AdRotator, FileUpload & calendar control

• Common Properties of Web server controls

1. AccessKey -

- Enables you to set a key which a control can be accessed at the client by pressing the associated letter.

2. BackColor, ForeColor

- Enables user to change background color & text color of a control.

3. BorderColor

- This property is used to change the border color of a control.

4. BorderStyle

- Using this property, border style can be set to none, dotted, dashed, solid double, groove etc.

5. BorderWidth

- ~~En~~ Enables users to change border width of a control.

6. CssClass

- Enables users to set the style sheet for this control.

7. Enabled

- Determines whether the control is enabled or not. If the control is disabled user cannot interact with it

8. Font

- Enables to change font settings

9. Height

- Enables to set the height of the control

10. Width

- Enables to set the width of the control

11. ToolTip

- This property enables you to set a tooltip for the control in the browser & is rendered as a title attribute in HTML, is shown when user hovers the mouse over control.

12. Visible

- Determines whether control is visible or not