

Web Basics - HTML5
Web Basics - CSS3
Web Basics - JavaScript
Working with document Object
Forms
Web Basics - XML
Anatomy of XML Document
XML Schema

HTML

- Discuss about table tag and row spanning and col spanning.
- How to put image for the unordered list.
- Anchor tag with href and Anchor tag with name property.
- HTML 5 input type number, email.
- Different input type related to date like : date, week etc.
- Discuss placeholder, autofocus, min, max attribute.
- New <nav> tag added for navigation menu.
- <article> tag is used for blogs and posts.
- How to specify file type for file upload.
- How to analyze how many radio button or checkbox selected.

CSS3

- CSS syntax
- How to put style : inline, embedded and external approach.
- Different selector symbols: universal, id, class, attribute and pseudo class selectors.
- How to put background image.
- How to change the cases of text.
- How to change opacity for colors.
- Rounded corner border.

Javascript : Forms

- innerHTML property of element.
- Checked property of checkbox and radio buttons.
- How to select element by id or name of form and element name.
- How to disable a form element or set the focus on an element.

Javascript : Document object

- Uses of different dialog boxes such as alert, confirm and prompt.
- Dynamically population of drop down by selection of first drop down.
- How to store cookies through Javascript.

XML : Anatomy of XML Document

- Syntactical rules of well form xml.
- Rules to form element name.
- How to check whether an element contains mixed content.
- Compare dtd and xsd.
- How to form complex type.
- Importance of <xs:sequence>, <xs:all> and <xs:choice>.
- How to apply SimpleType restrictions such as : pattern, minInclusive, maxInclusive,
- Attribute definition in xsd with its usage.