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| **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.