

Rough Syllabus on Mid-Semester Examination for Introduction to Web Development

1. Basic text formatting elements:

a) <h1> <h2> ... <h6>

b) <p>, <pre>,

Attribute:

left, center, right

2. Presentational elements:

, <i>, <u>, <s>, <sup>, <sub>, <hr>

3. Phrase elements:

<blockquote> <cite> <q>

<abbr> <acronym>

<addr>

4. Lists:

unordered list

ordered list

#Grouping elements with <div> and

#core attributes: class, id, and style

#Linking to other web pages using <a> element, href, and target.

#adding image, audio, and video files in web page.

<article>, <section>, <header> <footer> and <aside>

#Introduction to forms:

<form>, <input>, type attribute and its different values such as text, radio, and submit.

Submit button, <select>, <textarea>.

Grouping form data with <fieldset>, <legend>.

Other different input types: password, email, search, date, url, reset.

The **required** attribute.

HTML table

<table>, <th>, <tr>, <td>

rowspan and colspan attributes.

<caption>

#Cascading style sheets

CSS properties:

the font-family property {arial, verdana, sans-serif, times new roman, times, serif}, font-size property{12px }, font-weight property{normal, bold, lighter}, font-style property{normal, italic}, text-align property{left, right, center,justify}, vertical-align property{sub,super,top,middle,botton, text-top, text-bottom}.

Text-decoration property:
the values are: underline, overline, line-through.

Text-indent property

The text-transform property:
The values are: none, capitalize, uppercase, lowercase.

The box model:
Border, margin, padding properties.
dimensions of a box having the properties such as height, width, max-height, max-width, min-height, min-width.

The background property:
background-color, background-image, background-repeat, background-attachment, background-position,

The values for background-repeat property:
repeat, repeat-x, repeat-y, no-repeat.

The values for background-attachment property:
fixed, scroll.

The values for background-position property:
x% y%, left, center, right, top, bottom.

Rounded corner using border-radius

text-shadow, box-shadow properties.

Multiple backgrounds.

Linear gradient, radial-gradient.

Transition effect:
fade in and out using opacity property.
Color change using background property.
Grow and shrink using transform property.
Swing using @keyframes, transform, hover.

CSS animation:
animation-name, animation-duration, animation-iteration-count, animation-timing-function, animation properties.

CSS style images:
rounded image and circled image using border-radius.

Position a text in the center of the image.
Image followed by text after the image.

CSS position property:
absolute, fixed, relative.

CSS pagination.