LAB 5 – CSS

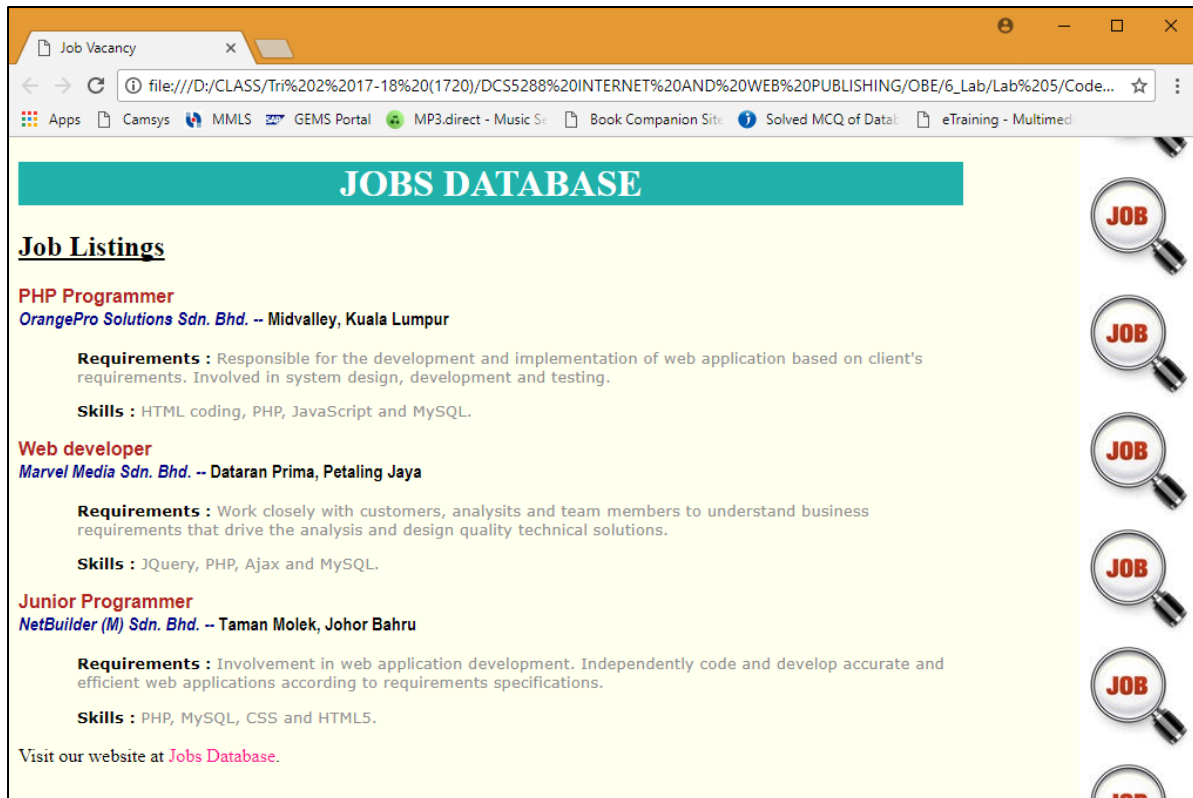At the end of this lab, students should be able to:
- Design a web page by incorporating proper Cascading Style Sheet (CSS) property and values.
- Use different variations of CSS such as External, Internal/Embedded and Inline.
- Use varieties of CSS properties and values to design the webpages.

Question 1

Write the **Internal CSS** codes for the following web page design. The HTML codes are already given.

Guides

- The whole webpage:
    - The background colour is #FFFFEE.
    - An image is repeated vertically on the right side of the web page.
    - A gap of 200px is given on the right side of the browser to avoid the image being overlapped by the words.
- Heading level 1:
    - The background colour is #20B2AA while the font color is white. It is center aligned.
- Heading level 2:
    - The text is underlined.
- Paragraphs with the *job-title* class:
    - The text is bold and uses Arial font and the colour is #B22222.
- The *company* class:
    - The text is italic and uses Arial Narrow font. The colour is #00008B.
- The *location* class:
    - It has a normal text, Arial Narrow font and the colour is black.
- The *bold* id:
    - The text is bold and black.
- The *content* id:
    - Set a left margin of 50px.
    - The font colour is #909090 and the font is Verdana. The size of the font is 10pt.
- The default hyperlink and visited hyperlink:
    - The text colour is #FF1493 without any underlines.
- When the mouse goes over the hyperlinks:
    - The text colour changes to #3CB371 with a 5px space between the letters and the text has a line above it.

JOBS DATABASE

Job Listings

PHP Programmer
OrangePro Solutions Sdn. Bhd. -- Midvalley, Kuala Lumpur

Requirements : Responsible for the development and implementation of web application based on client's requirements. Involved in system design, development and testing.

Skills : HTML coding, PHP, JavaScript and MySQL.

Web developer
Marvel Media Sdn. Bhd. -- Dataran Prima, Petaling Jaya

Requirements : Work closely with customers, analysits and team members to understand business requirements that drive the analysis and design quality technical solutions.

Skills : JQuery, PHP, Ajax and MySQL.

Junior Programmer
NetBuilder (M) Sdn. Bhd. -- Taman Molek, Johor Bahru

Requirements : Involvement in web application development. Independently code and develop accurate and efficient web applications according to requirements specifications.

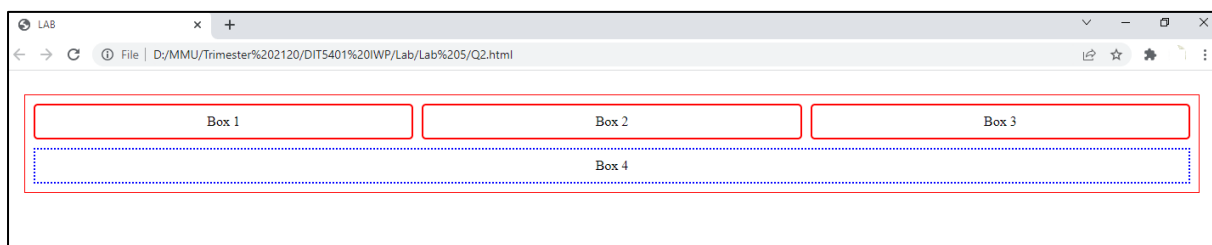**Skills :** PHP, MySQL, CSS and HTML5.

Visit our website at Jobs Database.

Question 2

Write the **Internal** and **Inline CSS** codes for the following web page design. The HTML codes are already given.

<u>**Guides**</u>

- Internal CSS:
    - o All elements in this webpage will have a padding of 10px and the text is at the center. *[Use asterisk *]*
    - o The *main-container* id:
        - ▪ Use grid display.
        - ▪ The grid have 3 columns, and the size of each column is auto.
        - ▪ There is a 10px gap between the rows and columns.
        - ▪ The border is 1px in width a straight (solid) red line.
    - o The *box* id:
        - ▪ The border style is solid, 2px thick with red color.
        - ▪ The corners are rounded by 5px.
- Inline CSS
    - o For the last div:
        - ▪ It must be below all three boxes.
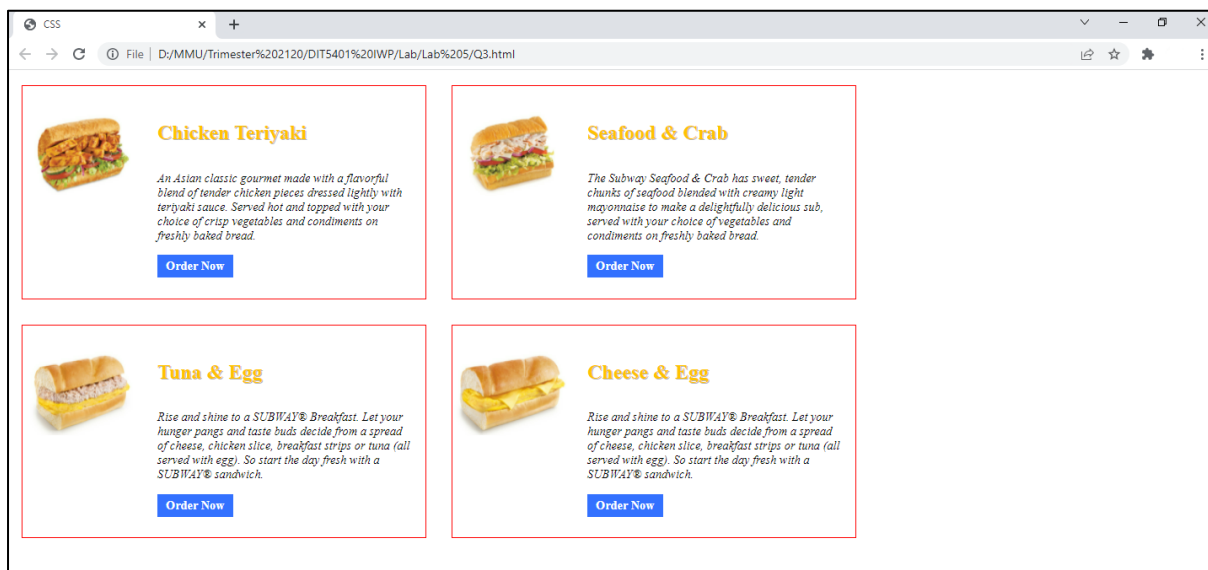   - ▪ Set a 2px blue border which is dotted.

Question 3

Write the **Internal** and **Inline CSS** codes for the following web page design. The HTML codes are already given.

<u>Guides</u>

- The *container* id:
    - ○ Set display grid with 2 columns size 500px each column.
    - ○ Gap between the rows and columns is 10px;
- The *box-column* id:
    - ○ The box have solid red border which is 1px thick.
    - ○ Set a 10px margin.
- The *menu-image* id:
    - ○ The width is 150px and float to left.
- The image inside the *menu-image* id:
    - ○ Set a top margin of 30px.
    - ○ The width and height of the image is 140px and 100px respectively.
- The menu-desc id:
    - ○ The width is 300px, padding is 10px and float to left.
- All heading level 4 in the *menu-desc* id:
    - ○ The font colour is #FFC300 with a shadow colour #B7B7B7.
    - ○ The size of the font is 18pt.
- All paragraph in the *menu-desc* is:
    - ○ The size of the font is 0.9em and is in italic.
- The hyperlink in *menu-desc* id:
    - ○ It is white, bold with normal font.
    - ○ The background colour is #3371FF with no underline.
    - ○ Set top and bottom padding of 5px and 10px for the left and right padding.
    - ○ Set the display to inline-block using **Inline CSS**.

Question 4

Write the **External CSS** codes for the following web page design. The HTML codes are already given.

Guides

- The whole webpage is center aligned(margin: auto) and has padding of 10px.
- The *wrapper* id:
    - The width is 780px.
    - The background is #EFF2EF and has a 1px thick black border.
    - All contents will be center aligned.
    - Set the overflow as auto.
- All heading 3 in the *wrapper* id:
    - The font is Verdana.
- The *col-content* class:
    - Float to left.
    - Set a right margin of 15px.
    - The width is 230px.
    - The background colour is white.
- All heading level 4 in *col-content* class:
    - The font colour is #E02634 and the font is Tahoma.
- The image with the *download* id in *col-content* class:
    - The width and height is 30px (*float to left*).
- The paragraph in the *col-content* class:
    - The font is Arial Narrow and the size is 11pt.
    - It is left aligned and the top margin is 10px.
- The hyperlink in the *col-content* class:
    - Does not have any underline.
- When the mouse goes over the hyperlink:
    - The underline appears.
    - The colour changes to purple and the text is bold.