

# Web\_Lesson2: Introduction, HTML and CSS

Please do not forget to submit your feedback after the class. This feedback helps a lot in increasing the effectiveness of the course. Use the respective Canvas survey to submit your feedback.

## Lesson Overview:

Introduction to HTML and CSS and discussion on HTML and CSS.

## Use Case Description:

Simple HTML Page, Google Homepage

## Programming elements:

HTML, CSS

## Source Code:

<https://umkc.box.com/s/108s8spbbffa8hko4yslze7d034k4aj>

## In Class Programming (ICP):

### HTML Task

1. Create an HTML document named "index.html".
2. The page should contain
  - paragraphs
  - Headings
  - unordered list
  - ordered list
  - at least two div & span elements
  - at least four block and inline elements
  - images at appropriate locations in the HTML file and should be clickable, i.e., when you click the image, it should redirect you to the location of the image in a new tab
  - any relevant video/YouTube video. The video should have controls like play, pause, etc.

### CSS Task

1. Download the Source Code and run the starter code given in the 'Inclass' folder with WebStorm
2. As shown in the Image I, add the notifications icon and your image in the corner of the page and the recently opened tabs below the search bars of Google.

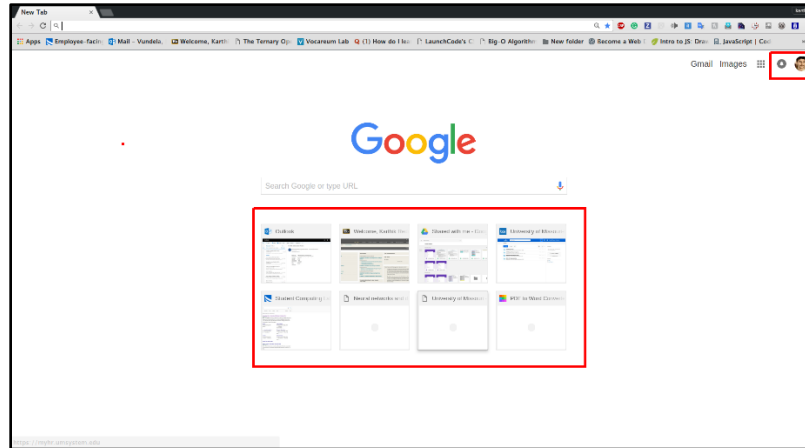


Image I: Google page with user details

3. As shown in the Image II, create a 'cube-shaped color grid' using HTML `<div>`, `<span>` elements and CSS elements
  - Each color grid should be  $70 \times 70$
  - The cube should be center-aligned
  - No mandatory of colors (you can choose colors of your like)

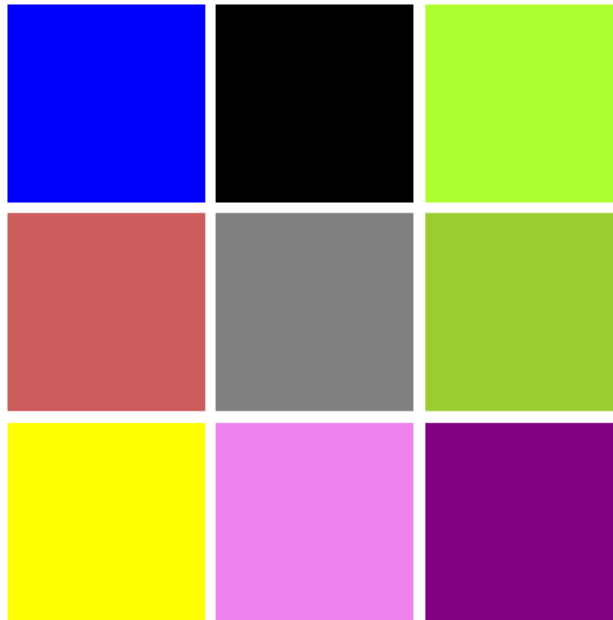


Image II: cube-shaped color grid

### ICP Submission Guidelines

1. ICP submission is an individual contribution
2. Submit your source code and documentation to GitHub and represent the work through the wiki page accurately (submit your screenshots as well. The screenshot should have both the code and the output)
3. Comment your code appropriately

4. Video submission (3 to 5 min video showing the demo of the ICP, with brief voiceover on the code explanation)
5. Submission after the due date is considered as a late submission. (Check the 'Late Submission Policy on Assignments' in the syllabus)
6. Use the related Canvas survey to submit your ICP # and feedback

### ICP Rubric Details

You can find ICP Rubric Details in both the Syllabus and Canvas ICP assignment.

Criteria	Novice	Competent	Proficient
Wiki page (25)	Basic wiki page. ( $\geq 0$ to $\leq 5$ )	Wiki page with the required details. ( $> 5$ to $\leq 15$ )	Wiki page with all details and making it easy to follow and understand. Visually looking good. ( $> 15$ to $\leq 25$ )
Video (25)	Basic video. ( $\geq 0$ to $\leq 5$ )	Video with the required details. ( $> 5$ to $\leq 15$ )	Video with all details and making it easy to follow and understand. Annotated with the subtitles. ( $> 15$ to $\leq 25$ )
Completeness of given assignment (25)	It is partially solved. ( $\geq 0$ to $\leq 5$ )	Completely solved. ( $> 5$ to $\leq 15$ )	It is solved efficiently. ( $> 15$ to $\leq 25$ )
Code Quality (It is relative) (10)	Refer to the <a href="#">best coding practices</a> page. ( $\geq 0$ to $\leq 5$ )	Refer to the <a href="#">best coding practices</a> page. ( $> 5$ to $\leq 8$ )	Refer to the <a href="#">best coding practices</a> page. ( $> 8$ to $\leq 10$ )
Commenting the code (10)	Not useful comments. ( $\geq 0$ to $\leq 5$ )	Slightly appropriate comments. ( $> 5$ to $\leq 8$ )	Appropriate comments. ( $> 8$ to $\leq 10$ )
Time of submission	Submission after the due date. Check the 'Late Submission Policy on Assignments' section in the syllabus	Submission on the deadline. No score will deduct from the obtained score.	Submission before the deadline. No score will deduct from the obtained score.
Submission (including feedback) (5)	Submission with partial details. ( $\geq 0$ to $\leq 3$ )	Submission with the essential details. ( $> 3$ to $\leq 4$ )	Submission with all the details. ( $> 4$ to $\leq 5$ )
<b>Total</b>	<b>Minimum = 0</b>		<b>Maximum = 100</b>

**Note:** Cheating, plagiarism, disruptive behavior, and other forms of unacceptable conduct are subject to strong sanctions under university policy. See detailed description of university policy at the following URL: <https://catalog.umkc.edu/special-notice/academic-honesty/>