

ISS Lab 3 Activity

- 1) Complete the given tasks before the lab ends i.e. 5PM.
 - 2) For the Love of God don't copy! If you have any doubts feel free to ask the TAs in your respective channel.
 - 3) Submission to be made on moodle (ISS LAB 3) only.
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Topic 1: HTML

An HTML file will contain the content of your website, and your CSS sheet — which stands for Cascading Style Sheet — will style the content of your HTML file.

Here's a list of tags: https://www.w3schools.com/tags/ref_byfunc.asp ; <https://html.com/tags/>

Topic 2: CSS

Cascading Style Sheets is the preferred way for setting the look and feel of a website.

The style sheets define the colour, size and position of text, etc, while the HTML files define the content and how it is organised. Separating them allows you to change the colour scheme without having to rewrite your entire web site.

The cascading means that a style applied to a parent element will also apply to all children elements within the parent. For example, setting the colour of body text will mean all headings and paragraphs within the body will also be the same colour.

There are 3 ways of doing this:

- **Inline styles (set the style="<>" attribute of a tag)**
- **Use the <style> tag within the header**
- **Create and link to an external css file**

Look this up, and play around with styles to get comfortable with it:

https://www.w3schools.com/css/css_intro.asp

Related readings:

- About the internet: https://developer.mozilla.org/en-US/docs/Learn/Common_questions/How_does_the_Internet_work
- WWW: https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/How_the_Web_works
- HTML resource: <https://developer.mozilla.org/en-US/docs/Web/HTML>
- CSS resource: <https://developer.mozilla.org/en-US/docs/Web/CSS>

Task

Create one large html page which when opened in the browser displays the same contents as shown:

Getting Started

file:///home/sravani/ISS/ISS-Labs/Labs/Lab4/index.html

1. Create an HTML page that displays exactly the same output. Make sure you stick to standards, for example `
` tag should be closed. Also check whether your tags are in pair, for example there should be one `<p>` tag for ever `<p>` tag.

3. You have to include this instruction also as it is in the assignment answer. **(This note is in bold)**. (I used bod only for the hint, since that is what I understood on reading the text)

4. This is the first paragraph in the center.

5. This is the second paragraph. It appears on left side.

6. This is third paragraph. It appears on right side

7. **This is level 3 heading**

8. **This is level 5 heading**

9. Below is a horizontal line with 50% width w.r.t browser width.

10. Below is a horizontal line which is 100 pixels wide.

11. Now this one is a little tough. The image is displayed on the right side and text is displayed on the left side. This is fone using only "img" tag here. But you can use other methods to achieve same output. So you must use same image on eiffel tower in assignment.

12. [Here give link to http://google.co.in](http://google.co.in)

13. Ordered lists:

A. Item 1

B. Item 2

I. Item 2.1

II. Item 2.2

III. 1. Item 2.3.1

2. Item 2.3.2

3. Item 2.3.3

14. Unordered lists: (Same as above, just used unordered list. Copy/paste would be useful here :))

- Item 1
- Item 2
 - Item 2.1
 - Item 2.2
 - Item 2.3.1
 - Item 2.3.2
 - Item 2.3.3

15. $K_2SO_4 \cdot Al_2(SO_4)_3 \cdot 24H_2O$.

16.

This entire line is written without using any special character. Only one tag can help in doing this.

17. This is written in Times of 30 pixels size.

18. Simple table

Column 1	Column 2
1.1	1.2
2.1	2.2

19. Weird table

Something	Something else	No idea what else
	Aha!!	

24. This has background color yellow and foreground color with value with #aa9923 in hexadecimal.

Note: Things may appear little different based on browser version, screen resolution, toolbars installed in browser etc. Hence minor differences in output are okay, major things like formatting(bold, italic, underline), alignment(left, right, justified), color(red,yellow), etc. should match. Avoid using deprecated tags for achieving the results.