

Day 3 Lab Assignments

1- What is the difference between Em and Rem units?

Selectors task

- 1- select p elements and make them red
- 2- select p and div elements
- 3- select p with class mainClass direct child for div with id myDiv and make it styled
- 4- select all p inside div and style them
- 5- select input with type text element with class myClass
- 6- select span elements after div
- 7- select p with class myClass
- 8- select div with id myDiv

Do the following CSS style for the given HTML page (run the page and see the result after each point):

- 1- Make External CSS file for that:
 - a. Make the font type "Lucida Calligraphy" for any p or div or span tag (use one CSS rule).
 - b. <h1> tag which is child from div tag to be in the center of the page.
- 2- Make inline style for the div with "header" id, that make its width=100%, its height=60px, and its background color red.
- 3- Make inline style for the span which its id is "linksbar" , that make its width=25%, its background color gray, and make it starts from the left of the page (float property).
- 4- Make inline style for the span which its id is "content", that make its width=75%, its height=70%, its back color pink, and make it comes to the left side after the previous span (float property).
- 5- Make internal style that:
 - a. Make a class name "none-bullet-list" that can be applied on tags, and makes list style type of the without bullets (none), and apply this class

- on the tag that contains the links (apply it to the tag in html directly, the selector will be class name only).
- Make color red, and background color pink for the links that're direct child for tag, which inside span with id= "linksbar", and make it appear without underline (text-decoration property).
 - Make color pink, and background color red for the links that're direct child for tag, which (inside span with id= "linksbar", when mouse is over it.
 - Make the font weight bold, and font size 12px, for the paragraph that comes directly after (sibling) <h2> tag which is direct child for with id="content".
 - Make a dashed border, with size 2, and color rgb(20,70,60), for the div with id "loginform".
 - Make style that makes the background color yellow of the any <input> of type "text", and another style that makes its background color white when it's focused.
 - Make a class named "tabled-bordered" that can be applied on any tag, and make it displayed as table cells (use display property), its padding 5, and make a border for it. Apply the class to the 3 <p> tags that are in the "titles" div (apply them on the p tags that are in "titles" div in html file, the selector will be class name only).
 - Try to change the <p> tags inside the div with id "titles" to spans, is there any difference?
 - Use ::after pseudo element, to add this text “Read this” with color yellow” after the paragraph that is nested from span.
- 6- Make an internal style that makes font color red for the <p> with id "aboutus", and another internal style that makes the color yellow for the <p> with id "aboutus" that's direct child from span with id "content". Which style will be applied to the paragraph? And why?
- 7- Use !important with the first style of the previous 2 styles. What's the change that happened and why?

The page should be like that after you apply the previous styles:



Bonus

- 8- On home page in Day.2 assignments, redo the page layout using CSS instead of table-based layout. (you can follow the following guidelines: (https://www.w3schools.com/css/css_website_layout.asp))
- 9- Use CSS features to design this table as shown:

Team Name		Start Date	End Date	Show on Roster	
<u>Move to another Team</u>					
<u>edit</u>	Team A	19/01/2012	Ongoing	yes	<u>delete</u>
<u>edit</u>	Team B	24/10/2011	18/01/2012	no	<u>delete</u>
<i>Not in a team between 12/08/2011 and 23/10/2011. <u>Add to a Team</u></i>					
<u>edit</u>	Team B	1/01/2011	11/08/2011	yes	<u>delete</u>
<u>Add to a team prior to 01/01/2011</u>					