Day 2 Lab Assignments

1- Use html table structure to do the following table:

	Random Names	
This is a paragraph about me, Ian! This is another paragraph about me, Ian!	J. Doe	P. Day
	R. Bob	T. Sam
	Contact me for details	
Free Software 1. Linux 2. Apache 3. MySQL 4. PHP	HELLO	

2- <u>Selectors task</u>

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

3- <u>Do the following CSS style for the given HTML page</u> (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 <ul> tags, and makes list style type of the <ul> without bullets (none), and apply this class on the <ul> tag that contains the links (apply it to the <ul> tag in html directly, the selector will be class name only).
   b. Make color red, and background color pink for the links that're direct child for <li> tag, which inside span with id= "linksbar", and make it appear without underline (text-decoration property).
   c. Make color pink, and background color red for the links that're direct child for <li> tag, which (inside span with id= "linksbar", when mouse is over it.
   d. Make the font weight bold, and font size 12px, for the paragraph that comes directly after (sibling) <h2> tag which is direct child for <span> with id="content".
   e. Make a dashed border, with size 2, and color rgb(20,70,60), for the div with id " loginform".
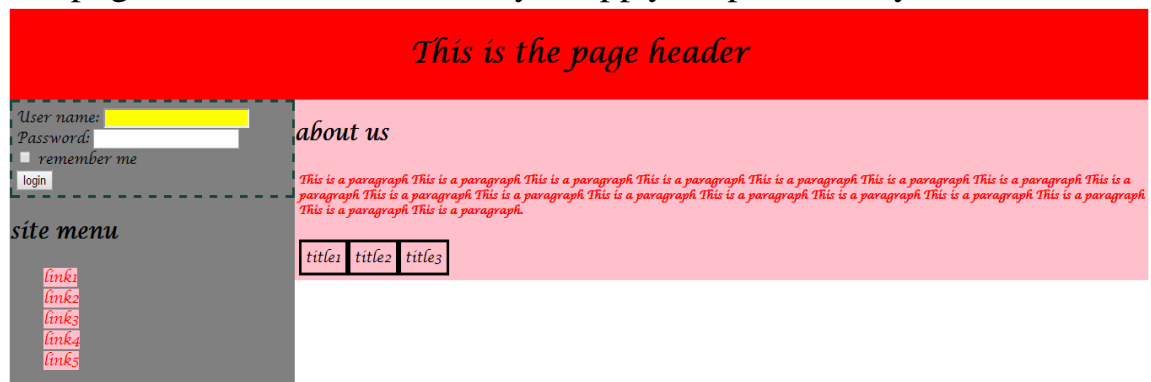   f. Make style that makes the background color yellow of the any <input> of type "text", and another style that makes its background color white when it's focused.
   g. Make a class named "tabled-bordered" that can be applied on any tag, and make it displayed as table cells (use display property), its
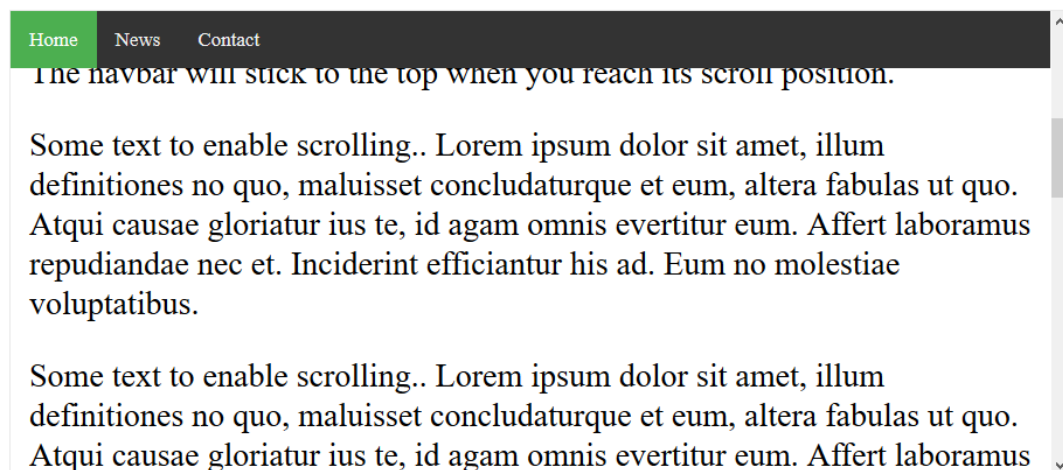
padding 5, and make a border for it. Apply the class to the 3 <p> tags that are in the "titles" div (apply them on the p tags that are in "titles" div in html file, the selector will be class name only).

  i. Try to change the <p> tags inside the div with id "titles" to spans, is there any difference?

  h. 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:

4- **Make a Navbar like the following**:

a. Make the navbar items as list (ul), and inside each list item (li), add a link for each menu item.
b. Use list style type: none for the list items.
c. Use display: inline-block for the list items. (Why?).
   i. What's the difference between the following display values: inline, block, inline-block?
      You can refer to the following links:
      https://www.w3schools.com/css/css_inline-block.asp
      https://www.w3schools.com/cssref/pr_class_display.asp
      https://stackoverflow.com/questions/9189810/css-display-inline-vs-inline-block
      http://dustwell.com/div-span-inline-block.html
      https://alligator.io/css/display-inline-vs-inline-block/
      http://learnlayout.com/inline-block.html
d. Handle that when mouse over an item its background color to be changed.
5- Made the previous navbar to be fixed position, and add any content below it (paragraph for example)
   a. You'll need to push down the position all elements below the fixed elements, you may use padding property.
   b. Change the navbar to be position: sticky. (What's the difference?).

Bonus

1- Use CSS features to design this table as shown:

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