

Lab Session 6: HTML5.

Exercise 1: Design a web page with the title "HTML exercise 1", use UTF-8 encoding and add the meta variables *Author* and *Place*.

Create two sections, "Trafic light colours" and "Pixel colours" with 4 paragraphs

each, one for the header and three for the contents (name three colours).

Traffic light colours

Red

Yellow

Green

Pixel colours

Red

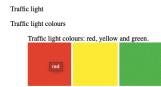
Green

Blue

Exercise 2: Design a web page with the title "HTML exercise 2" with 1 section entitled "Traffic light colours" adding one paragraph with the header and 3 images — red, yellow, green: red.gif, yellow.gif, green.gif. The *alt* attribute must describe the colour and the three images will be grouped in a figure with the caption: "Traffic Traffic light Colours

The body header will be "Traffic light" and the footer "HCI".

light colours: red, yellow and green."



HCI

Exercise 3: Design a web page with the title "HTML exercise 3". Use 4 paragraphs to include the following elements:

- Add two relative URLs "Exercise 1" and "Exercise 2" linking the previous two exercises.
- Add an absolute url to Uniovi's website (<u>www.uniovi.es</u>). Use this image for the link (http://www.uniovi.es/comunicacion/identidad) and open the link on a new window.
- Add a link to send an email including the subject "HCI exercise 3".



Exercise 4: Design a web page with the title "HTML exercise 4", add a section entitled "Code examples" to include two code examples, each of them contained in a *div* element.

A first div, entitled "for", will have the text: "For example: for (i=0; i<S.length(); i++)".

A second div, entitled "if", with the text: "If example: if (a<b) return a else return b;".

Write the code on a new line enclosed by *code* tags.

For example:
for(i=0;i<S.length(); i ++)</pre>

Use the *strong* tag for programming keywords.

If example:

if(a<b) return a else return b;

Check out https://www.w3schools.com/html/html entities.asp for character "entities".



Exercise 5: Design a web page with the title "HTML exercise 5" and Pixel colours: three div elements:

- - RedGreenBlue
- 1. Add a paragraph to indicate "Pixel colours:" followed by a Traffic light colours:
 - non-ordered list $\langle ul \rangle \langle li \rangle$ with the name of three colours.
- 2. "Traffic light colours:", an ordered list with three Degree on Computer Science: colours.
- 3. An information tree (list with items containing other items) with academic years and courses. The root can be "Degree on Computer Science".
- 1. Red
- 2. Yellow 3. Blue

- 1. First Year
 - Introduction to Programming
 Linear Algebra
- 2. Second Year
 - Human-Computer Interaction
 Computer Electronics Technology
- 3. Third Year
- 4. Fourth Year

Exercise 6: Design a web page with the title "HTML exercise 6". Add a table entitled "Course Schedule" and a structure similar to this one:

Course Schedule			
HCI			
	Weekday		
	Wednesday	Thursday	
Time 14:00	Theory English	T1	
Time 14:00	L1	Lab Work English	

Ejercicio 7: Design a web page with the title "HTML exercise 7" with the following text using headers, from h1 to h6:

1	Degree on Computer Science	Degree on Computer Science
	Second year	Second Year
	Second semester	Second Semester
4.	HCI	нсі
5.	Laboratory work	Lab Work
6.	HTML5	12 March 2020

Add today's date at the bottom using time and datetime".

Check out: https://developer.mozilla.org/en-US/docs/Web/HTML/Element/time