



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, “Traffic 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 light colours: red, yellow and green.”

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

Traffic light

Traffic light colours

Traffic 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 (www.uniovi.es). 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 1
Exercise 2



email@uniovi.es

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.

Use the *strong* tag for programming keywords.

For example:

`for (i=0;i<S.length(); i ++)`

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 three *div* elements:

1. Add a paragraph to indicate “Pixel colours:” followed by a non-ordered list `` with the name of three colours.
2. “Traffic light colours:”, an ordered list `` with three colours.
3. An information tree (list with items containing other items) with academic years and courses. The root can be “Degree on Computer Science”.

Pixel colours:

- Red
- Green
- Blue

Traffic light colours:

1. Red
2. Yellow
3. Blue

Degree on Computer Science:

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
	16:00	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
2. Second year
3. Second semester
4. HCI
5. Laboratory work
6. HTML5

Degree on Computer Science

Second Year

Second Semester

HCI

Lab Work

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>