

LAB #1 - HTML

This task needs to be completed using a text-redactor (e.g. Notepad++) or IDE. **The use of visual composers for HTML is not allowed!** Before you start your lab task, please **fully read** this specification!

Your task consists of 3 major steps. Follow these in the given order!

Examples of possible outcome are provided at the end of the document.

Step 1 – Create a folder for your lab work files

Create a separate folder for your first lab, e.g., ICD0007_LAB1 in your web folder on *enos.itcollege.ee*. In computer classes on Windows machines your web folder is H:\public_html. Save all the files you compose to this folder. You can check the result on the following URL http://enos.itcollege.ee/~Uni-ID/ICD0007_LAB1/.

Step 2 – Create HTML pages

Your task is to compose a product campaign website, which is composed of the following webpages: index.html (Page#1), winners.html (Page#2), and conditions.html (Page#3).

The code you could use to start looks like this:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Title goes here</title>
  </head>
  <body>
    Page content goes here
  </body>
</html>
```

Each page must have a title. Each page has to have a menu to navigate between pages Page#1-Page#3. Content is different, as specified below. For textual content “*Lorem ipsum...*” or any other text can be used.

Page#1 – Index

- Menu with links using relative URLs to Page#2 and Page#3
- Header of content of the page (Heading 1)
- At least 2 paragraphs of descriptive text
- Some text in bold, some underlined.
- An image that is included from a subfolder named “img”. The image must be scaled to be as wide as 250px, have an alternative text (*alt*) and a title (title).

An example of possible output is given on Figure 1.

Page#2 – Conditions

- Menu (as for Page#1)
- Header of content of the page (Heading 1)
- A paragraph of descriptive text
- Sub-header of the page content (Heading 2)
- A bulleted/numbered list of conditions
- A link with absolute URL that opens into same window on a separate line
- A link with absolute URL that opens into a new window on a separate line
- A link with (your) e-mail address on a separate line as a paragraph

An example of possible output is given on Figure 2.

Page#3 - Winners

- Menu (as for Page#1)

- A table with at least 3 columns and 4 rows presenting the following data: number, winner's name, country of residence. The names of the columns are given with table header (<th>). The table width is fixed at 600px and border is set to 1. Leave an empty paragraph between the menu and the table.

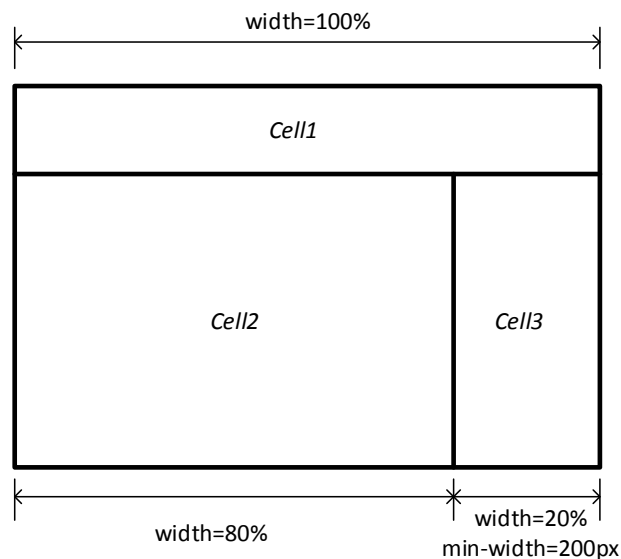
An example of possible output is given on Figure 3.

Step 3 – Try layouts for your page (voluntary)

Page#4 – Page layout using a table

Try out composing webpage layout using tables.

First, create a new HTML file and establish a table as shown below in new HTML document. Set the table width to 100%, and all other columns as shown on the figure.



- Place essential contents of Page#1 into Cell 2, List of conditions (Page#2) into Cell 3, and menu to Cell 1.
- Colour the background of Cell 3 (e.g., RGB code #E2E2E2).
- Test with different widths to find the appropriate one for your page. Try to resize the browser window and see what happens.
- Next, add to table attributes cellspacing with value 2px, cellpadding with 10px, and border with value 0. Try each step separately.

An example of possible final output is given on Figure 4.

Page#5 - Page layout using sections

Try out composing a webpage using <div> sections.

First, create a new HTML file and establish a structure as given below

```
<div>
  <div> Copy menu here </div>
  <div> Copy Page#4 Cell 2 here </div>
  <div> Copy Page#4 Cell 3 here </div>
</div>
```

- See in browser how your new design looks like. An example is given on Figure 5.

To get a layout similar in Page#4, add some inline styling to the div's as follows:

```

<div>
  <div> Copy menu here</div>
  <div style="display:inline-block; width:80%;"> Copy Page#4 Cell 2 here</div>
  <div style="display:inline-block; width:200px; background-color:#E2E2E2; position:
absolute;"> Copy Page#4 Cell 3 here </div>
</div>

```

See the result in browser. An example of possible output is given on Figure 6.

General remarks

How do you name your files is up to you, yet, it is assumed that *Page#1* carries the name *index.html*, for all other pages you are free to choose their filenames. Do pay attention that spaces and special symbols must be avoided.

Adding more to the pages than required by this task specification is allowed and encouraged.

To refresh the page in browser choose *Refresh* or *Reload* from the menu, or hit the *F5* key.

You can find *Lorem Ipsum* text for example from <https://www.lipsum.com>

For graphics you can use for example <http://www.psdgraphics.com>

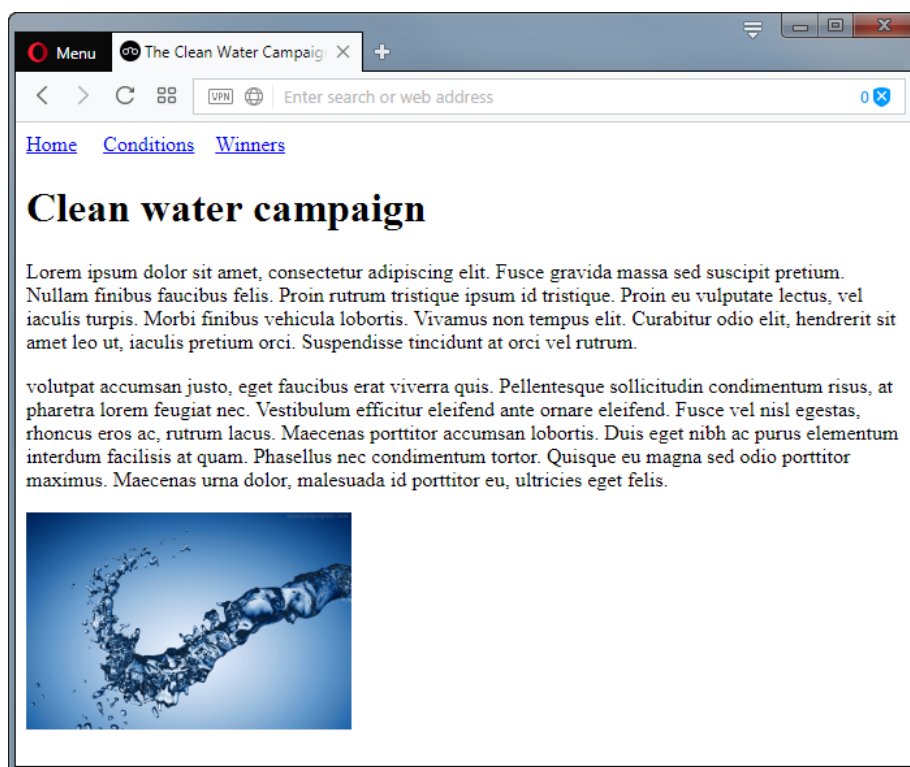


Figure 1. Sample layout for Page#1

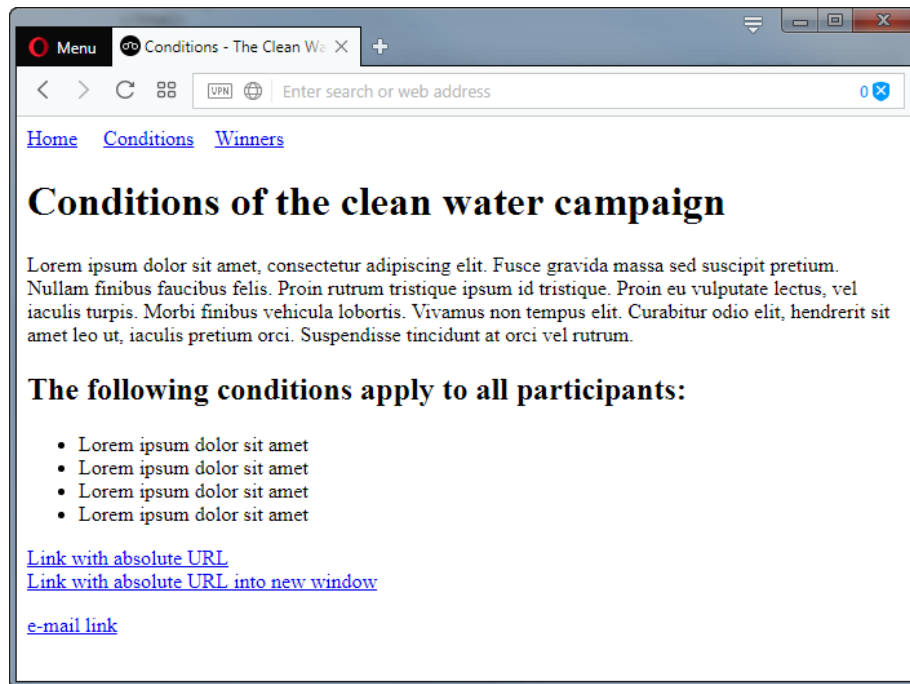


Figure 2. Sample layout for Page#2

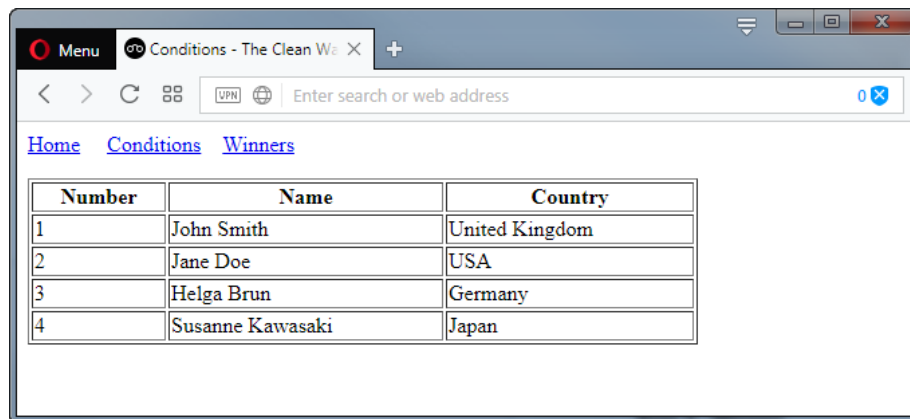


Figure 3. Sample layout for Page#3

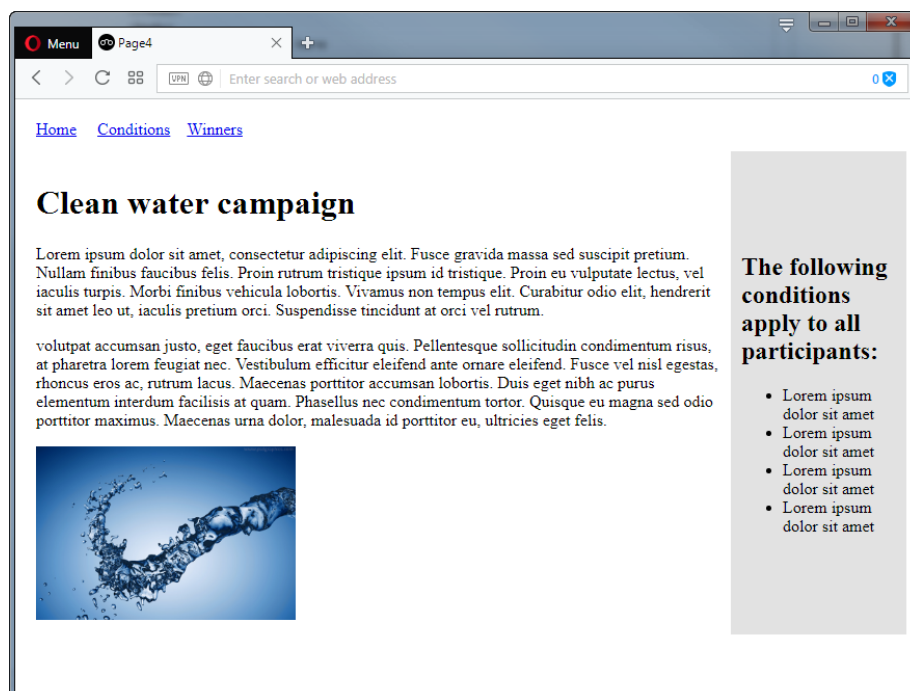


Figure 4. Sample layout for Page#4

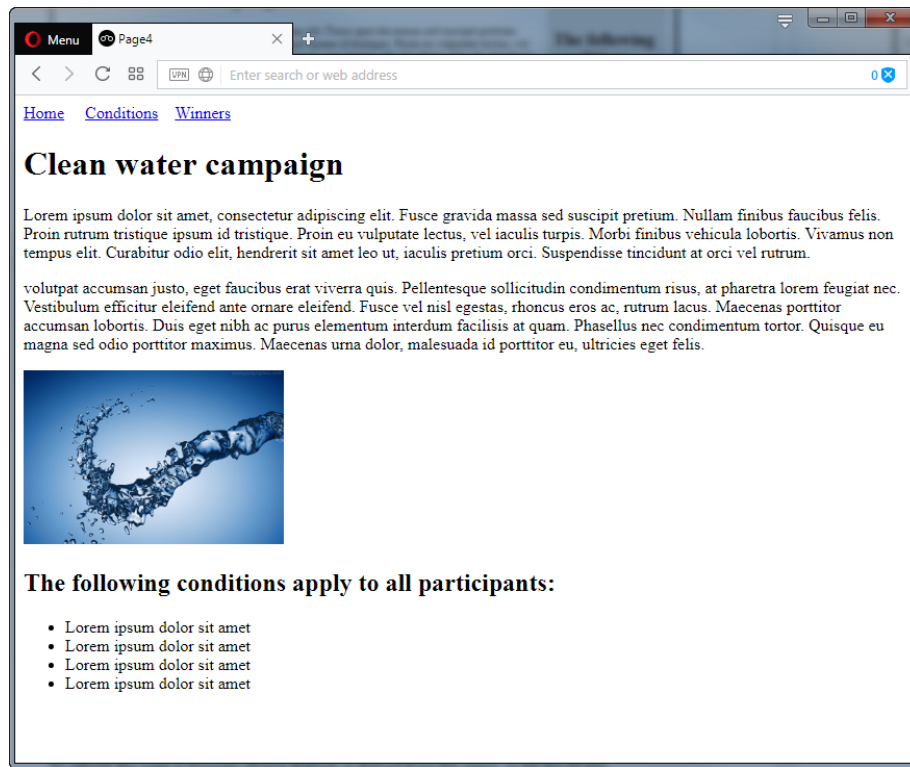


Figure 5. Sample layout with <div>'s for Page#5



Figure 6. Sample layout with <div>'s and inline styles for Page#5