

Data Management and Web Design

Final Project

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1. HTML

I made three different .html files, each represents different menu option: 'Information', 'Program' and 'Registration'. We can change the website by clicking given options because of adding `<a>` tag with 'href' attribute. The horizontal menu is sticky so it stays at the top of the webpage all the time.

Under the menu there are two columns: on the left side the name of the event, underlined with tag `<u>` and on the right side the place and dates of the event.

1.1. Index.html

On the index.html webpage we can see general information about the event.

The first from the top, there is the box with the word "Information" – I used `` tag to write it.

The next part is the description. I used `<p>` tag because I wanted to make two different paragraphs so the website can be as similar as possible to the given example. I used another `` tag inside of paragraph (`<p>` is a block-level element and `` is an inline element so the text is still in one line) to add the color to the dates "5th to 7th October 2022".

The last part are two columns. The first one with the image – I used tag `` with attributes "src", "alt" and "width" to show the exact picture, if it would not be possible – to show the alternative text and to have the image in the exact size. The second one is block with text where I used tags `` to have a bold text, `
` to break the line and get another paragraph and `<i>` to get a text in italic.

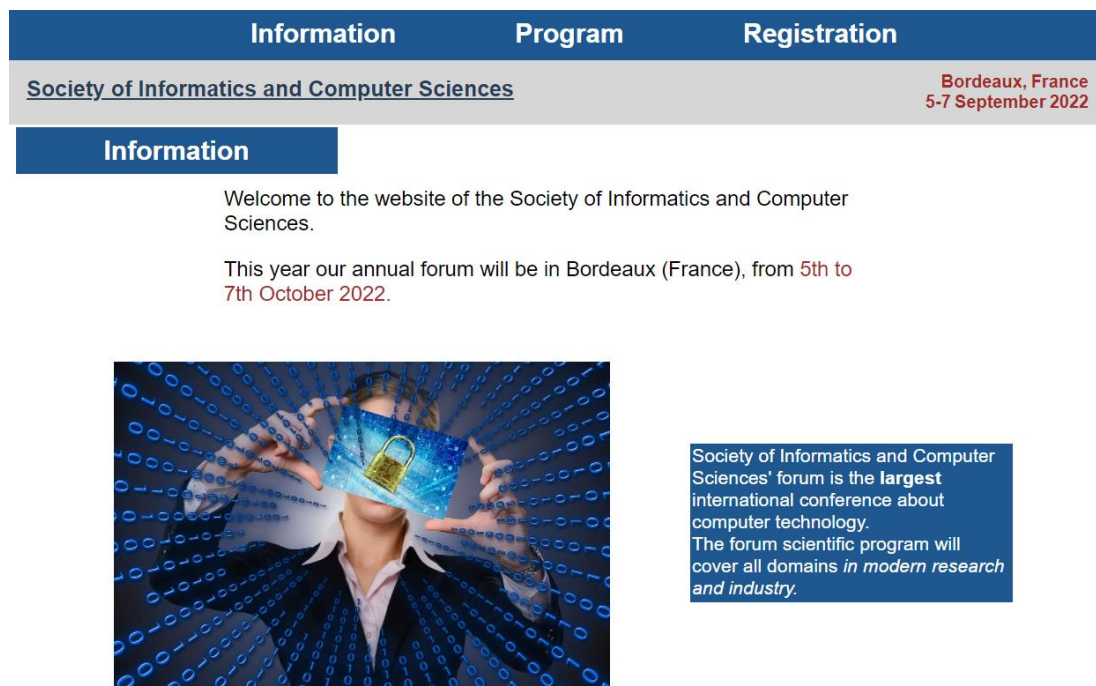


Figure 1. The main page of the website (index.html)

1.2. Program.html

In the program.html file I also used the **** tag for the box with the “Program” word. After that I also used tag **<p>** for the paragraph below. Furthermore, I used the **<table>** tag to make three tables with the program of the event (I used **<thead>** to group the header content in tables and **<tbody>** tag for grouping the body content, also **<tr>** tag to define rows and **<td>** to define exact cell of the table). I corrected the date in the third table, because it was written “Monday, 7 October” but I think that it should be “Wednesday”. These three tables are located in the first column, the second column consist of the image (by the **** tag, as the previous time).

Information

Program

Registration

Society of Informatics and Computer Sciences

Bordeaux, France

5-7 September 2022

Program

Explore the initial Forum 2022 of Society of Informatics and Computer Sciences, covering all the aspects of a scientific work with modern technologies. get an overview of what you can expect in Bordeaux next September.

Monday, 5 October 2022

8h30-10h

Registration

10h15-12h

Lecture - Computers history

12h15 - 14h

Poster Session - Group A

14h15 - 17h

Lecture - Evolution of Algorithms

Tuesday, 6 October 2022

8h30-10h

Plenary lecture

10h15-12h

Technical workshops

12h15 - 14h15

Poster Session - Group B

14h130 - 17h

Lecture - Computer Sciences and Medicine

Wednesday, 7 October 2022

8h30-10h

Plenary lecture

10h15-12h

Lecture - Quantum computers

14h - 15h

Closing plenary lecture

15h15 - 17h

Goodbye drinks

Figure 2. The page with the program (program.html)

1.3. Registration.html

This website also begins with the box with the “Registration” box and the paragraph. Below, there is a form with many fields, each one is made with **<label>** tag (the first column) and the **<input>** tag where is the place to write our data (the second column). I used also the **<select>** tag to make the scrolling menu (the one with label “Title:”). On the right part of the website there is another image (the third column).

Registration

All speakers and invited participants will be send an invitation to register with specific instructions regarding uploading abstracts for their presentations.

Name:	Maria Wichrowska
Title:	Mrs
Company:	Dr Prof
Institute:	Mrs
Street:	Ms Mr
Postal Code:	
City:	
Country:	



Figure 3. Scrolling menu on the registration page (registration.html)

Under the first part of the form, I added **<p>** tag with word “Abstract”. Below there are other three columns with the “Title” and “Resume” to which I used **<textarea>** tag with attributes such as “rows” to determine high, “cols” to determine width and “placeholder” to add the text describing this text field which shows before it is clicked. In the third column there is a button “Validation” which submits our form.

Information	Program	Registration																
Society of Informatics and Computer Sciences		Bordeaux, France 5-7 September 2022																
Registration																		
<p>All speakers and invited participants will be send an invitation to register with specific instructions regarding uploading abstracts for their presentations.</p>																		
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Title:	60 characters max.																	
Resume:	600 characters max.																	
		Validation																



Figure 4. The page with the registration form (registration.html)

2. CSS

In the style.css file I used all the needed code to style the HTML page exactly as I wanted to look like. The first thing was to generalize the font-family for the whole <body> part.

I was using a lot of code connected with the CSS Box Model: margins, borders, paddings, usually based on the “Developers tools” available in the settings of the browser.

Thanks to CSS I could add colours of the font or the background, text align, font size, font weight (for example bold one), overflowing the border lines of the table, vertical align, border radius of the button in the registration form to make it more rounded. I could also use CSS to define columns and rows (I used that form of making columns, not <col> tag because I felt I have more control over the visual look of the columns this way).

Moreover, I use the selector :hover to make a small animation when the mouse is over the button which submits the form in the registration process.

3. JS

I used only one function in my JS script script.js. It's called myFunction() and it basically takes the values from the submitted form and shows the alert box with the given data.

```
1  function myFunction() {  
2      let title = document.getElementById("title").value;  
3      let lname = document.getElementById("lname").value;  
4      alert(`Thanks ${title} ${lname}, your registration is done!`);  
5  }
```

Figure 5. Code in JS with myFunction()

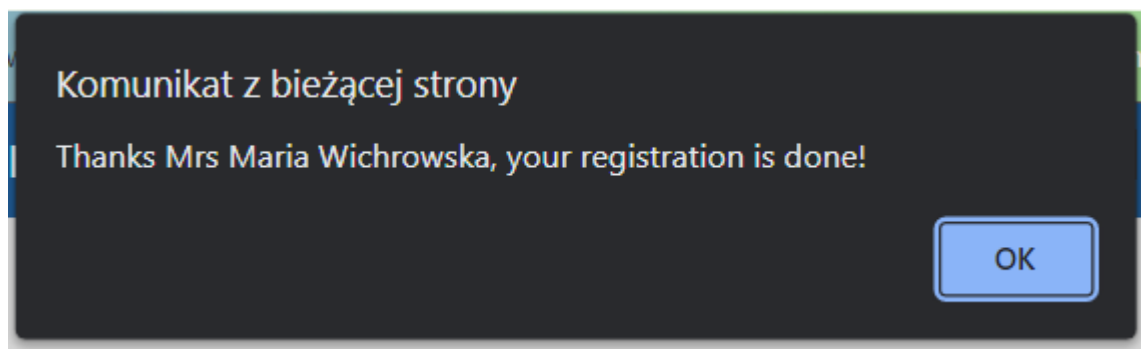


Figure 6. Alert box which appears when the form is submitted