

SHAKE THE FUTURE



Web Programming

HTML-CSS

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Main tools

To write HTML/CSS pages you will need a text editor or an IDE.
Netbeans or JEdit will be convenient.

To display files, you will need a web browser with debugging tools.

You will need an HTTP server.

Have a look to prerequisites to install tools.

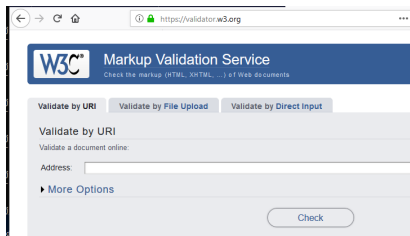
HTML

HTML files are text files using HTML syntax. It should look like this:

```
<!DOCTYPE html>
<html lang="en-en">
  <head>
    <title>Page title</title>
    <meta charset="utf-8">
    <script src="myJSScripts.js"></script>
    <link rel="stylesheet" type="text/css" media="screen" href="myCSS.css">
  </head>
  <body>
    <h1>Page header</h1>
    <p>A paragraph</p>
  </body>
</html>
```

HTML Check syntax

You can check your HTML syntax using this online tool from <https://validator.w3.org/>:



Use “File Upload” tool.

CSS Check syntax

You can check your CSS syntax using this online tool from <https://jigsaw.w3.org/css-validator>

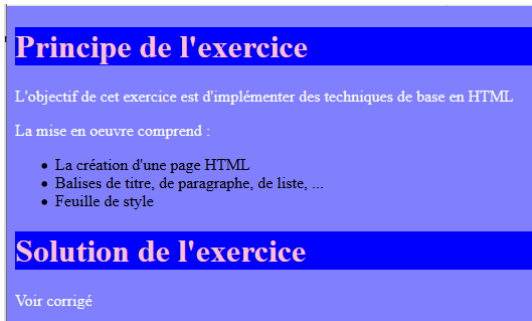


The screenshot shows the W3C CSS Validation Service interface. At the top, there is a language selection bar with options: Deutsch, English, Español, Français, 한국어, Italiano, Nederlands, 日本語, Polski, Português, Русский, العربية, Svenska, and 中文. Below this is a blue header with the W3C logo and the text "CSS Validation Service" and "Check Cascading Style Sheets (CSS) and (X)HTML documents with style sheets". The main content area has three tabs: "By URI", "By file upload", and "By direct input". The "By URI" tab is selected. Below the tabs, the text "Validate by URI" is followed by the instruction "Enter the URI of a document (HTML with CSS or CSS only) you would like validated:". There is a text input field labeled "Address:". Below the input field is a link "More Options". At the bottom right of the form is a "Check" button.

Use "File Upload" tool.

1st exercise

Write an HTML file that would display this page.



Principe de l'exercice

L'objectif de cet exercice est d'implémenter des techniques de base en HTML

La mise en oeuvre comprend :

- La création d'une page HTML
- Balises de titre, de paragraphe, de liste, ...
- Feuille de style

Solution de l'exercice

[Voir corrigé](#)

File is index.html

You must use a CSS file.

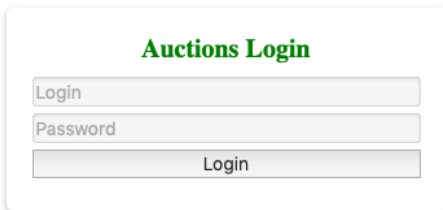
NB: background color is #8080FF

Check

- Validate your HTML and CSS syntax using the W3C validators
- Open your index.html file in your web browser.
Check result is ok.
- Move your file to the root of your http server
 - In your browser, open `http://127.0.0.1`
Check result is ok.
 - In your browser, open `http://localhost`
Check result is ok.

2nd exercise

Write an HTML file that would display this page.



Auctions Login

Login

Password

Login

Fell free with the CSS. You can change colors, background, images,

...

3rd exercise

Write an HTML file that would display this page.

List of items

Auction#	Title	Author	Body	
	Computer	JY Martin	I sell my old computer, 3 years old	
				

Fell free with the CSS. You can change colors, background, images,

...

