

WEB CELL TRAINING

S4 : STATIC FRONTEND DEVELOPMENT PART N° 1



MADE BY:

OUSSAMA LOUATI

KHOULOUD TAOUCHIKHT



PLAN

OVERVIEW, WEB ROADMAP



WEB DESIGN PROTOTYPING



>>> STATIC FRONTEND DEVELOPMENT



DYNAMIC FRONTEND DEVELOPMENT



JAVASCRIPT BACKEND DEVELOPMENT





Table Of Content



- STATIC ? FRONTEND ? 
- HYPER TEXT MARKUP LANGUAGE (HTML) 
- CASCADING STYLE SHEETS (CSS) 
- LABS: LET'S CODE TOGETHER 
- TIPS / RESSOURCES 



WHAT WE MEAN BY STATIC WEBSITE ?

CIT "Club d'informatique et Télécoms" offers free courses given by INPT students in different sectors. I, Oussama Louati a second year software engineering student will lead you through the Web Development journey this year, i hope i can

STATIC WEBSITES APPEAR THE SAME FOR EVERY USER !!



WHAT DO I NEED TO KNOW TO BUILD A STATIC WEBSITE?

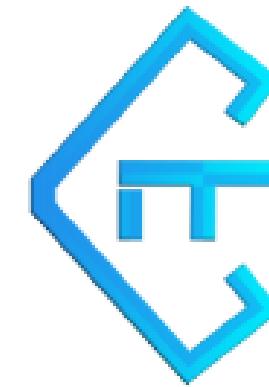




HTML



Welcome to the Web Cell by CIT



Hi, everyone this text will be hidden and shown once in a while

[Hide the text above](#)

[show the text above](#)

HTML & JS without **CSS**





CSS



Welcome to the Web Cell by CIT

Hi, everyone this text will be hidden and shown once in a while

[Hide the text above](#)

[show the text above](#)

JS



Sorry, Video won't play because it's exported as PDF



Welcome to the Web Cell by CIT

Hi, everyone this text will be hidden and shown once in a while

[Hide the text above](#)

[show the text above](#)



LET'S LEARN THIS THING FIRST ?



HTML





<tag> dakchi hna </tag>

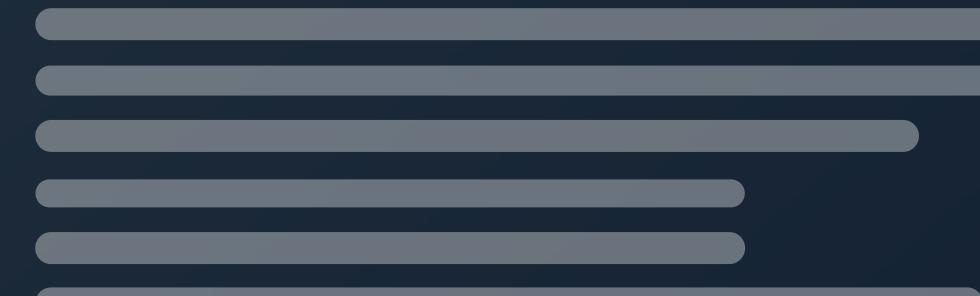


HTML Page Format

```
<!DOCTYPE html>  
<html>
```

```
  <head>  
    <title>Page Name</title>  
  </head>
```

```
  <body>
```



```
  </body>
```

```
</html>
```

Meta Data

Document Content



HEADER TAGS

• • •

Header

```
<h1> This is a big header title </h1>
<h2> Header smaller than above </h2>
<h3> Header smaller than above </h3>
<h4> Header smaller than above </h4>
<h5> Header smaller than above </h5>
<h6> This is a small header title </h6>
```



HEADER TAGS

This is a big header title

Header smaller than above

Header smaller than above

Header smaller than above

Header smaller than above

This is a small header title



TEXT FORMATTING TAGS



Text Formatting

```
<b> ana khetti ghelid, machi b7al lokhrin </b>
<strong> 7ta ana khetti ghelid mais browser mhtem biya ktar </strong>
<i>italic text</i>
<u>underline the text</u>
<sup>above the normal line </sup>
<sub>below the normal line</sub>
```



TEXT FORMATTING TAGS



ana khetti ghelid, machi b7al lokhrin

7ta ana khetti ghelid mais browser mhtem biya ktar

italic text

underline the text

go^{above} the normal line

go_{below} the normal line



IMAGE TAGS



Image importing

```

```



IMAGE TAGS





HYPERLINK TAG



HyperLink

```
<a href="https://citweb.live" > Click here to explore the Web Cell</a>
```



HYPERLINK TAG

[Click here to explore the Web Cell](#)



Tips & Tricks

registration has ended, Stay tuned !!

**The CIT
Web Cell.
Here for everyone.**

CIT "Club d'informatique et Télécoms" offers free courses given by INPT students in different sectors. I, Oussama Louati a second year software engineering student will lead you through the Web Development journey this year, i hope i can be at your expectations Inchaallah .



BUTTON TAG



Button tag

```
<button type="submit">Click on me!</button>
```



BUTTON TAG

Click on me !





FORM INPUT TAGS

Form input

```
<form action="/login">  
    <label for="fname">First name:</label>  
    <input type="text" id="fname" name="fname"><br><br>  
    <label for="lname">Last name:</label>  
    <input type="text" id="lname" name="lname"><br><br>  
    <input type="submit" value="Login">  
</form>
```



FORM INPUT TAGS

First name:

Last name:

Login

NOW LET'S GET TO THE
CSS





```
Class/Selector {  
    property: value;  
    property: value;  
}
```





HTML Page Format

```
<!DOCTYPE html>
<html>

  <head>
    <title>Page Name</title>
  </head>

  <body>
    [REDACTED]
    [REDACTED]
    [REDACTED]
    [REDACTED]
    [REDACTED]
  </body>

</html>
```



BACKGROUND STYLE

...

Background style

```
body{  
    background-color: #040514;  
}
```



BACKGROUND STYLE

RESULTS

This is a big header title

Header smaller than above

Header smaller than above

Header smaller than above

Header smaller than above

This is a small header title

ana khetti ghelid, machi b7al lokhrin

7ta ana khetti ghelid mais browser mhtem biya ktar

italic text

underline the text

go^{above} the normal line





TEXT STYLES

Header style

```
h1{  
    font-family: roboto;  
    font-size: 60px;  
    margin-left: 300px;  
    color: grey;  
}
```



TEXT STYLES

RESULTS

This is a big header title

Header smaller than above

Header smaller than above

Header smaller than above

Header smaller than above

This is a small header title

ana khetti ghelid, machi b7al lokhrin

7ta ana khetti ghelid mais browser mhtem biya ktar

italic text

underline the text

go^{above} the normal line



BUTTON STYLE



Button style

```
button{  
    font-size: 20px;  
    color:#fff;  
    width: 100px;  
    background-color:purple;  
    border-radius:5px;  
    cursor:pointer;  
}
```



BUTTON STYLE

RESULTS

This is a big header title

Click on
me !



IMAGE STYLE



Image style

```
img{  
    border: 3px solid #fff ;  
    border-radius: 10px;  
    box-shadow: 5px 5px grey;  
}
```



IMAGE STYLE

RESULTS

This is a big header title

Click on
me !



TIPS / RESSOURCES



{xx} CSSBattle.dev

[{xx} CSSBattle](#) / [Battle #20](#) / [#117. Arineo](#) ▾

Learn CSS [? How to play](#) [Sign In / Sign Up](#)

EDITOR CTRL + SHIFT + E 104 characters OUTPUT Slide & Compare Diff TARGET 400px x 300px

```
1 <div></div>
2 v <style>
3 v   div {
4     width: 100px;
5     height: 100px;
6     background: #dd6b4d;
7   }
8 </style>
9
10
```

YOUR SCORE

Last Score: [Submit to get score](#)
High Score: -

COLORS TO USE CTRL + SHIFT + C

#FFFFFF #0088CA #2E2926

Leaderboard

Submit (Ctrl+ENTER)

TARGET SPONSORED BY

Arineo [Join our developer team](#)