

Bootstrap

C'est quoi bootstrap

1- Des fichiers css

2- Des fichiers js

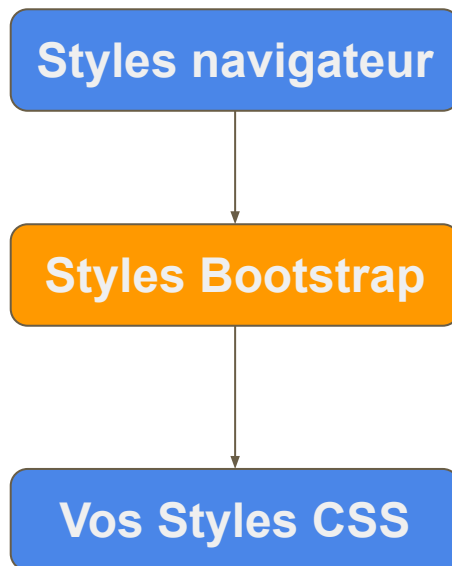
3- Responsive



Introduction



Introduction



Bootstrap: Basic template

- Bootstrap
- jQuery
- Popper
- Document HTML

```
index.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width,
7     initial-scale=1, shrink-to-fit=no">
8   <meta http-equiv="x-ua-compatible" content="ie=edge">
9   <link rel="stylesheet" href="css/bootstrap.min.css">
10  <title>Bootstrap</title>
11 </head>
12 <body>
13   <div class="container">
14     Votre page ici
15   </div>
16   <script src="js/jquery.slim.min.js"></script>
17   <script src="js/popper.min.js"></script>
18   <script src="js/bootstrap.min.js"></script>
19 </body>
20 </html>
```

Typographie

- **Reboot.css** portabilité
- **Rem** au lieu de **em**
- Éviter **margin-top**
- **Inherit**
- **Border-box**

Alignement

- **test-justify**
- **Text-nowrap**
- **text(-XX)-POS**

XX: sm>576px md>768px lg>992px xl>1200px

POS: left center right

Exp: **text-sm-center**

text-center

Capitalization

- **text-lowercase**
- **Text-uppercase**
- **text-capitalize**

Style du texte

- **font-weight-bold**
- **font-weight-normal**
- **font-italic**

Lists et Blockquotes

- **List-unstyled** Listes sans puces
- Les listes inline
 - **list-inline** pour les
 - **List-inline-item** pour chaque
- **Blockquote**
- **Blockquote-reverse**
- **Blockquote-footer**

Les couleurs bootstrap



```
<button type="button" class="btn btn-primary">Primary</button>
<button type="button" class="btn btn-secondary">Secondary</button>
<button type="button" class="btn btn-success">Success</button>
<button type="button" class="btn btn-danger">Danger</button>
<button type="button" class="btn btn-warning">Warning</button>
<button type="button" class="btn btn-info">Info</button>
<button type="button" class="btn btn-light">Light</button>
<button type="button" class="btn btn-dark">Dark</button>

<button type="button" class="btn btn-link">Link</button>
```

Les couleurs bootstrap: texte

- **text-COLOR** pour un texte
 - Exmp: **text-primary**
- **bg-COLOR** pour les backgrounds
 - Exmp: **bg-info**



Les Image avec Bootstrap

- **Img-fluid** pour une image responsive
- **rounded**
- **rounded-DIR** pour des bordures rondes
 - DIR: top right bottom left circle
 - Exmp: **rounded-top**
- **Rounded-0**
- **Img-thumbnail** image ronde avec une bordure de 1px

Alignement des Image avec Bootstrap

- **float-left**
- **float-right**
- **text-center** (les images sont par default inline)
- **mx-auto** (Des images block)
- **Img-thumbnail** image ronde avec une bordure de 1px

Les Figures avec Bootstrap

- **figure** (`<figure class="figure">`)
- **figure-img** (``)
- **Figure-caption** (pour le texte ou `<figcaption>`)

Le Grid Layout de Bootstrap

[illegible]

Le Grid Layout de Bootstrap

La taille d'une cellule dépend des dimension du viewport

- Extra small
- Small
- Medium
- Large
- Extra large

Breakpoints: <576px 576px 768px 992px 1200px

Le Grid Layout de Bootstrap

- 12-column responsive
- A base de flexbox
- Structure
 - Larcontainers
 - Rows
 - columns

()

Le Grid Layout de Bootstrap

Deux type de containers

- **container**
- **container-fluid**
- Pading 15px des deux cotes du containers
- S'adapte au breakpoints

Le Grid Layout de Bootstrap: Columns

- 12 colonne
- On peut fusionner des colonnes
- **col(-BP)(-COL)**
 - Exmp: **col-sm-4** cette colonnes la largeuer de container jusqu'à > 576px puis occupe 4 colonnes parmi 12

BP: sm>576px md>768px lg>992px xl>1200px

COL: 1-12

Le Grid Layout de Bootstrap: Columns Offset

Pour déplacer une colonne

- **offset-BP-COL**

- Exmp: **col-sm-4** cette colonne a la largeur de container jusqu'à > 576px puis occupe 4 colonnes parmi 12

BP: sm>576px md>768px lg>992px xl>1200px

COL: 1-11

Le Grid Layout de Bootstrap: Colonnes imbriquées

1. Créer un **row** dans un **col**
2. Ca cree une grille de 12-col dans ce **row**
3. Utiliser les memes classes

Alignement: Alignement vertical

Cet alignement s'applique sur tous les **col** d'un **row**

- Utilisé dans un **row**
- **align-items-ALN**
 - ALN: start center end
 - Exmp: **align-items-center**

Alignement: Alignement vertical

Cet alignement s'applique une **col** particulière

- Utilisé dans une **col**
- **align-self-ALN**
 - ALN: start center end
 - Exmp: **align-self-end**

Alignement: Alignement Horizontal

Cet alignement s'applique sur tous les **col** d'un **row**

- Utilisé dans un **row**
- Besoin de définir un col width
- **justify-content-ALN**
 - **ALN: start center end around between**
 - Exmp: **justify-content-around** (distribut l'espace end les col)

Position:

Comme dans CSS

- **position**
 - Fixed-top
 - Fixed-bottom
 - **sticky-top** (no supporter par tous)

Display:

- **d(-BP)-TYP**
 - BP: sm md lg xl
 - TYP: none inline inline-block block table table-row table-cell flex
inline-flex
- **d(-BP)-(-inline)-flex**

Flex: d(-BP)-(-inline)-flex

- **flex(-BP)(-DIR)(-reverse)**
 - BP: sm md lg xl
 - DIR: row column
- **justify-content(-BP)-ALN**
 - BP: sm md lg xl
 - ALN: start end center between
- **flex(-BP)-WRP(-reverse)**
 - BP: sm md lg xl
 - WRP: wrap nowrapcolumn
- **align-content(-BP)-ALN**
 - BP: sm md lg xl
 - ALN: start end center between around stretch

Float

- **float(-BP)-SID**
 - BP: sm md lg xl
 - SID: left right none

Dans le conteneur de elements flotant utiliser la class : [clearfix](#)

Marging/padding

- **PRO(SID)(-BP)-SIZ**

- **PRO**: m pour marging et p pour paddingl
- **SID**: t r b l x y
- **BP**: sm md lg xl
- **SIZE**: 0-5 auto

Dans le conteneur de elements flottant utiliser la class : **clearfix**

Size

- **SIZ(-AMT)**
 - **SIZ**: w h mw mh
 - **AMT**: 25 50 75 100 (% du conteneur)

Border

- **border(-SID)(-COLOR)(-0)**

- SID: top right bottom left
- COLOR:



- **rounded(-SID)(-circle)(-0)**

- SID: top right bottom left

Composantes de navigation

- Navbar

- Nav

- Tab

- Pill



La class Nav

- A l'aide d'une list ``
- **Nav-item** (dans chaque element)
- Ou a l'aide de la class **nav**
- **Nav-link** (dans chaque `<a>`)

```
<div class="row ">
  <section class="col-12">
    <ul class="nav nav-tabs">
      <li class="nav-item"><a class="nav-link active" href="#">Accueil</a></li>
      <li class="nav-item"><a class="nav-link" href="#">Nos Services</a></li>
      <li class="nav-item"><a class="nav-link" href="#">Apropos</a></li>
      <li class="nav-item"><a class="nav-link" href="#">Nous contacter</a></li>
    </ul>
  </section>
</div>
```

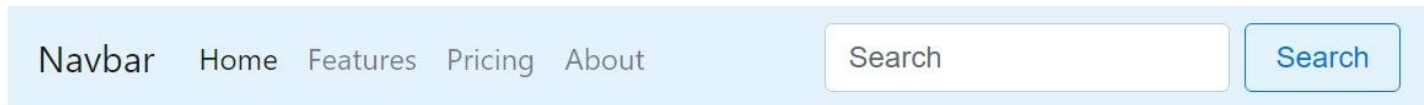
La class Nav

- A l'aide d'une list
- Ou a l'aide de < **nav**>
 - **nav-Pills**
 - **nav-tabs**
- **Nav-item** (dans chaque element)
- **Nav-link** (dans chaque <a>)
 - **Active**
 - **disabled**

La class Nav: Alignement

- `justify-content-center`
- `justify-content-end`
- `Nav-fill`
- `Nav-justified`
- `flex-column`

Navbar



Navbar

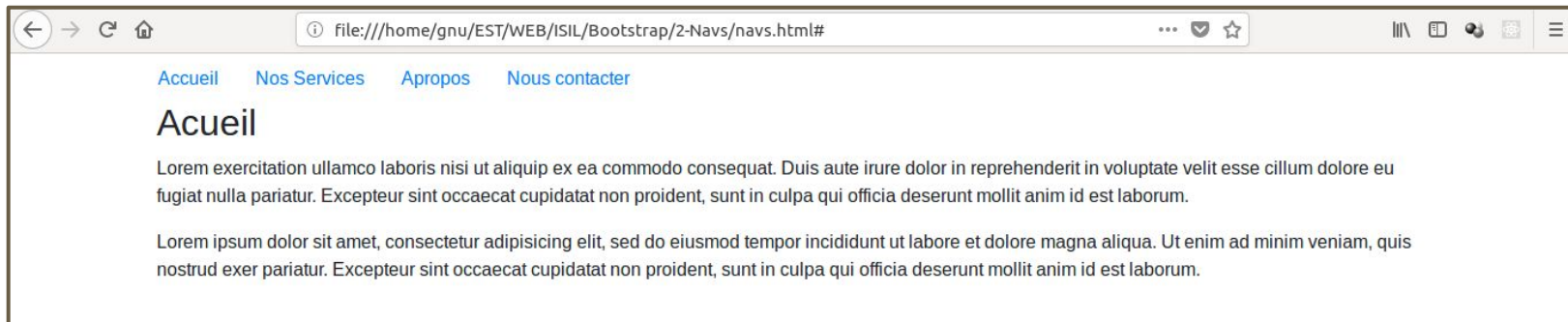
- **navbar**
 - **navbar-expand(-BP)**
 - **BP:** sm md lg xl
 - **bg-COLOR**
 - **Navbar-light**
 - **Navbar-dark**

Navbar

- **Navbar**
 - **Navbar-nav** dans un conteneur `<nav>`, `<div>` ... ou dans ``
 - **nav-item** dans un `<a>` ou ``
 - **Nav-link** dans un `<a>`
 - **Active**
 - **Disabled ...**
 - **dropdown**
 - **Navbar-brand**
 - **Navbar-text** dans un ``
 - **Form-inline** dans un `<form>`

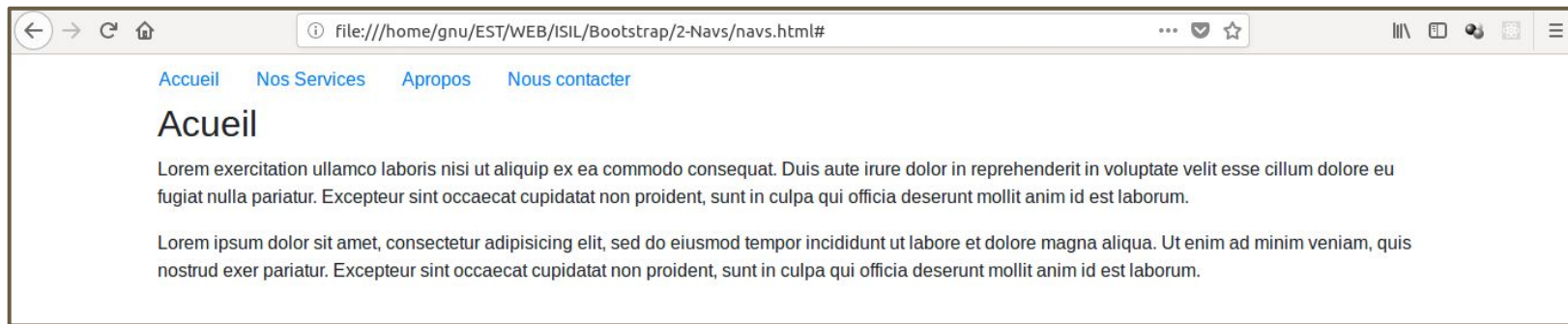
Navbar-nav (sans)

```
<div class="row ">
  <section class="col-12">
    <nav class="nav nav-pills justify-content-center">
      <a class="nav-item nav-link active" href="#">Accueil</a>
      <a class="nav-item nav-link" href="#">Services</a>
      <a class="nav-item nav-link" href="#">Apropos</a>
      <a class="nav-item nav-link" href="#">Nous contacter</a>
    </nav>
  </section>
</div>
```



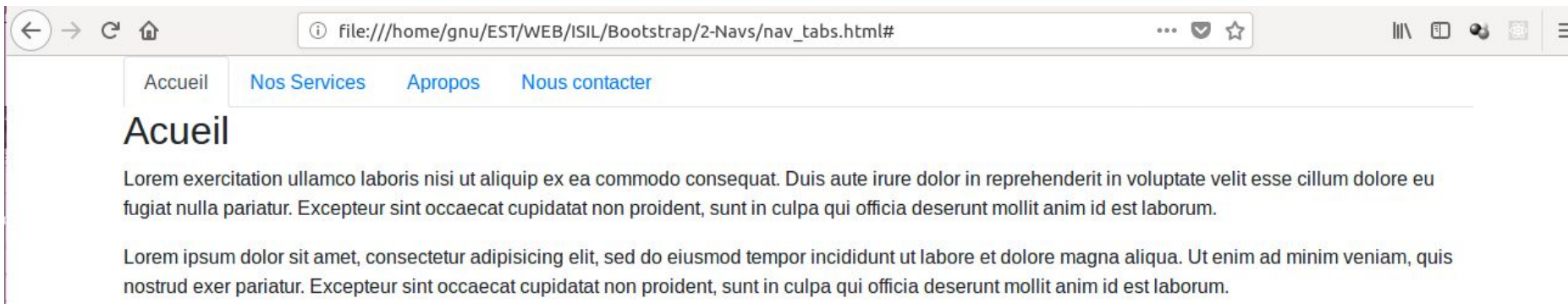
Navbar-nav (avec)

```
<div class="row">
  <section class="col-12">
    <ul class="nav">
      <li class="nav-item"><a class="nav-link active" href="#">Accueil</a></li>
      <li class="nav-item"><a class="nav-link" href="#">Nos Services</a></li>
      <li class="nav-item"><a class="nav-link" href="#">Apropos</a></li>
      <li class="nav-item"><a class="nav-link" href="#">Nous contacter</a></li>
    </ul>
  </section>
</div>
```



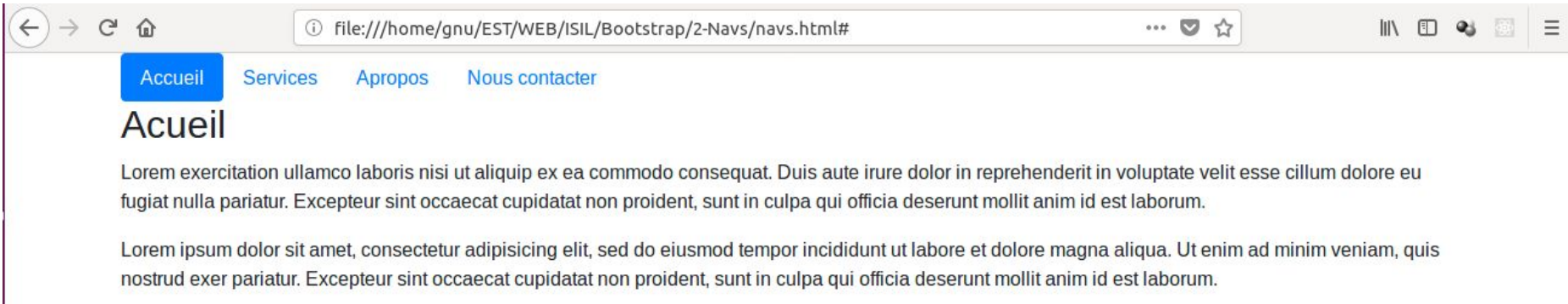
Navbar-nav: nav-pills et nav-tabs

```
<nav class="nav nav-tabs">
  <a class="nav-item nav-link active" href="#">Accueil</a>
  <a class="nav-item nav-link" href="#">Services</a>
  <a class="nav-item nav-link" href="#">Apropos</a>
  <a class="nav-item nav-link" href="#">Nous contacter</a>
</nav>
```



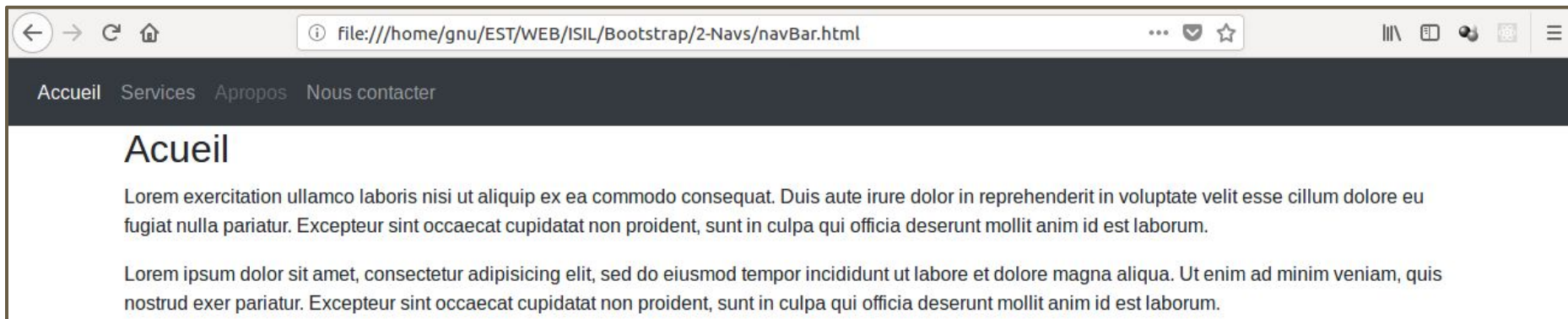
Navbar-nav: nav-pills et nav-tabs

```
<nav class="nav nav-tabs">
  <a class="nav-item nav-link active" href="#">Accueil</a>
  <a class="nav-item nav-link" href="#">Services</a>
  <a class="nav-item nav-link" href="#">Apropos</a>
  <a class="nav-item nav-link" href="#">Nous contacter</a>
</nav>
```



Navbar: Navbar-brand

```
<nav class="navbar bg-dark navbar-dark navbar-expand-sm ">
  <div class="navbar-nav">
    <a class="nav-item nav-link active" href="#">Accueil</a>
    <a class="nav-item nav-link" href="#">Services</a>
    <a class="nav-item nav-link disabled" href="#">Apropos</a>
    <a class="nav-item nav-link" href="#">Nous contacter</a>
  </div>
</nav>
```



Navbar-brand (logo)

```
<nav class="navbar bg-dark navbar-dark navbar-expand-sm ">
  <div class="container">
    <div class="navbar-brand d-none d-sm-inline-block">EST Essaouira </div>
    <div class="navbar-nav">
      <a class="nav-item nav-link active" href="#">Accueil</a>
      <a class="nav-item nav-link" href="#">Nos Services</a>
      <a class="nav-item nav-link disabled" href="#">Apropos</a>
      <a class="nav-item nav-link" href="#">Nous contacter</a>
    </div>
    <span class="navbar-text d-none d-lg-inline-block">Is the best</span>
  </div>
</nav>
```

EST Essaouira

[Accueil](#) [Services](#) [Apropos](#) [Nous contacter](#)

Is the best

Accueil

Lorem exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exer pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Navbar-brand (logo)

```
<nav class="navbar bg-dark navbar-dark navbar-expand-sm ">
  <div class="container">
    <div class="navbar-brand d-none d-sm-inline-block">EST Essaouira </div>
    <div class="navbar-nav">
      <a class="nav-item nav-link active" href="#">Accueil</a>
      <a class="nav-item nav-link" href="#">Nos Services</a>
      <a class="nav-item nav-link disabled" href="#">Apropos</a>
      <a class="nav-item nav-link" href="#">Nous contacter</a>
    </div>
    <span class="navbar-text d-none d-lg-inline-block">Is the best</span>
  </div>
</nav>
```

EST Essaouira

[Accueil](#) [Services](#) [Apropos](#) [Nous contacter](#)

Is the best

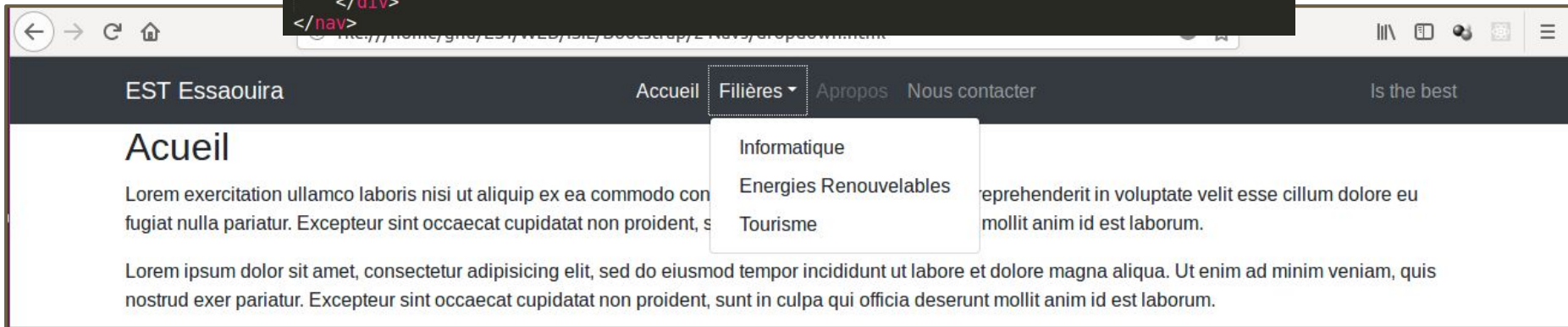
Accueil

Lorem exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exer pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

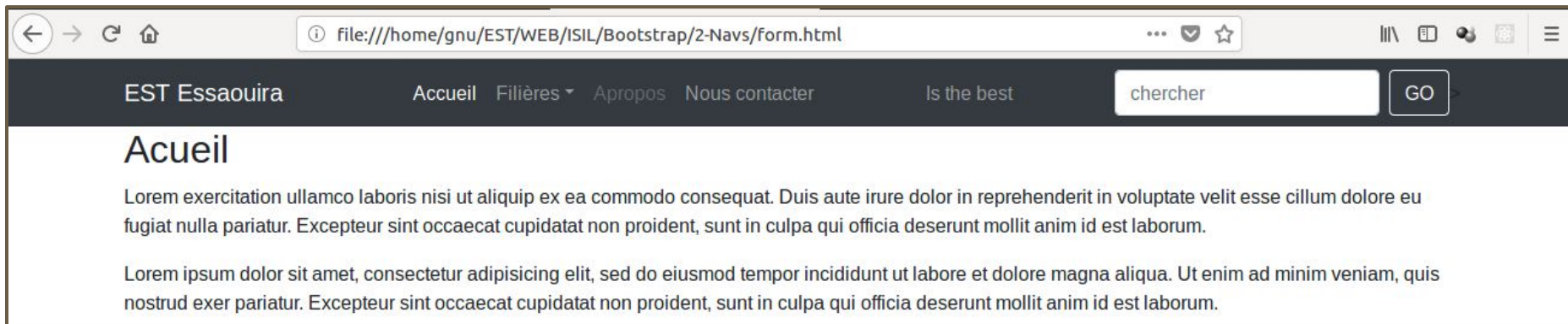
Dropdown-menu (Sous-menu)

```
<nav class="navbar bg-dark navbar-dark navbar-expand-sm ">
  <div class="container">
    <div class="navbar-brand d-none d-sm-inline-block">EST Essaouira </div>
    <div class="navbar-nav">
      <a class="nav-item nav-link active" href="#">Accueil</a>
      <div class="dropdown">
        <a class="nav-item nav-link dropdown-toggle" data-toggle="dropdown" href="#">
          Filières</a>
        <div class="dropdown-menu">
          <a class="dropdown-item" href="#">Informatique</a>
          <a class="dropdown-item" href="#">Energies Renouvelables</a>
          <a class="dropdown-item" href="#">Tourisme</a>
        </div>
      </div>
      <a class="nav-item nav-link disabled" href="#">Apropos</a>
      <a class="nav-item nav-link" href="#">Nous contacter</a>
    </div>
    <span class="navbar-text d-none d-lg-inline-block">Is the best</span>
  </div>
</nav>
```



Navbar: form

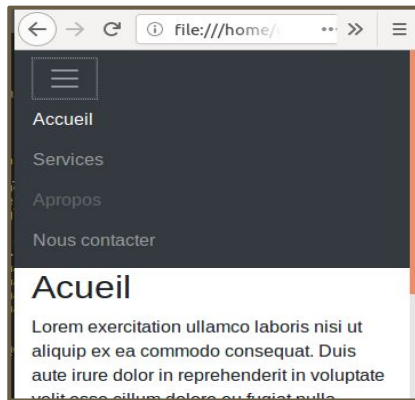
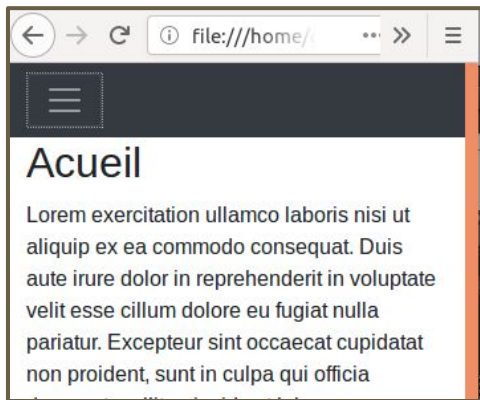
```
</div>
<a class="nav-item nav-link disabled" href="#">Apropos</a>
<a class="nav-item nav-link" href="#">Nous contacter</a>
</div>
<span class="navbar-text d-none d-lg-inline-block">Is the best</span>
<form class="form-inline">
  <input type="text" class="form-control mr-2" placeholder="chercher">
  <button type="submit" class="btn btn-outline-light">GO</button>>
</form>
```



The screenshot shows a web browser window with the address bar displaying 'file:///home/gnu/EST/WEB/ISIL/Bootstrap/2-Navs/Form.html'. The browser's address bar includes navigation icons (back, forward, refresh, home) and status icons (three dots, shield, star). The page content features a dark blue Bootstrap navbar. The navbar contains the text 'EST Essaouira' on the left, followed by a series of links: 'Accueil', 'Filières' (with a dropdown arrow), 'Apropos', and 'Nous contacter'. On the right side of the navbar, there is a search form with the text 'Is the best' and a search input field containing the placeholder text 'chercher'. To the right of the input field is a 'GO' button. Below the navbar, the main content area has a white background. It starts with the heading 'Accueil' in a large, bold, black font. Below the heading, there are two paragraphs of placeholder text (Lorem ipsum). The first paragraph reads: 'Lorem exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.' The second paragraph reads: 'Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exer pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.'

Navbar: collapse (effet accordéon)

```
<div class="navbar-brand d-none d-sm-inline-block">EST Essaouira </div>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#toggler">
  <span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="toggler">
  <div class="navbar-nav">
    <a class="nav-item nav-link active" href="#">Accueil</a>
    <a class="nav-item nav-link" href="#">Services</a>
    <a class="nav-item nav-link disabled" href="#">Apropos</a>
    <a class="nav-item nav-link" href="#">Nous contacter</a>
  </div>
</div>
<span class="navbar-text d-none d-lg-inline-block">Is the best</span>
```



Les boutons

```
<a class="btn btn-lg btn-outline-primary" href="#" role="button">Lien</a>  
<button class="btn btn-lg">un</button>  
<input type="button" class="btn btn-ls btn-primary" value="Deux">  
<button class="btn btn-primary active">Trois</button>  
<button class="btn btn-block btn-success">Quatres</button>
```



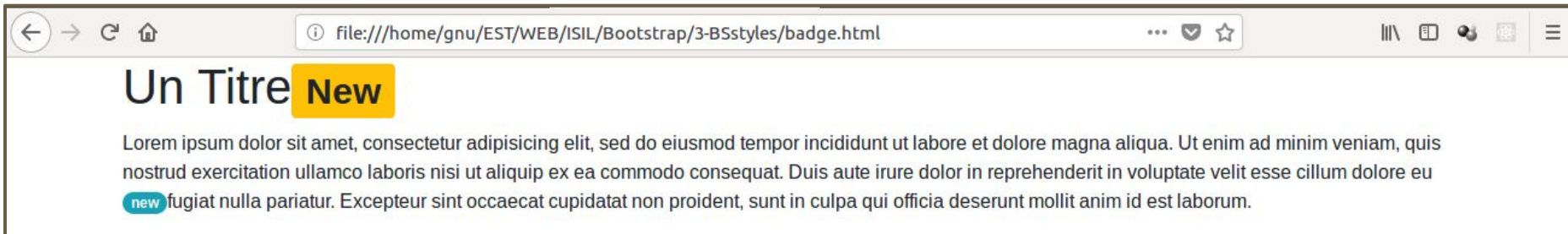
Les boutons: btn

```
<a class="btn btn-lg btn-outline-primary" href="#" role="button">Lien</a>  
<button class="btn btn-lg">un</button>  
<input type="button" class="btn btn-ls btn-primary" value="Deux">  
<button class="btn btn-primary active">Trois</button>  
<button class="btn btn-block btn-success">Quatres</button>
```



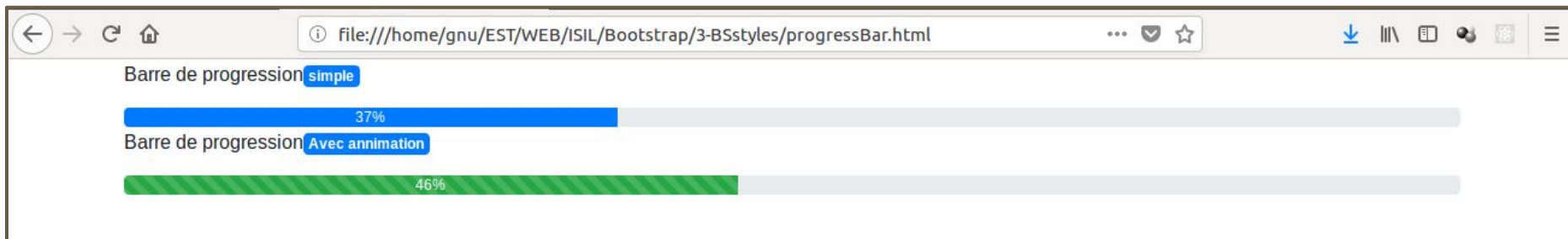
Les Badges:

```
<div class="container">
  <h1>Un Titre<span class="badge badge-warning">New</span></h1>
  <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,
quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo
consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse
cillum dolore eu <span class="badge badge-pill badge-info">new</span> fugiat nulla
pariatur. Excepteur sint occaecat cupidatat non
proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
</div>
```



Barre de progression: progress et progressbar

```
<div class="container">
  <p>Barre de progression<span class="badge badge-primary">simple</span></p>
  <div class="progress">
    <div class="progress-bar" style="width:37%">37%</div>
  </div>
  <p>Barre de progression<span class="badge badge-primary">Avec animation</span></p>
  <div class="progress">
    <div class="progress-bar bg-success progress-bar-striped progress-bar-animated" style="
      width:46%">46%</div>
  </div>
</div>
```



Les Listes: list-group

```
<div class="container">
  <div class="list-group mb-2 mt-4">
    <a href="#" class="list-group-item list-group-item-action active">Un</a>
    <a href="#" class="list-group-item list-group-item-action bg-warning">Deux</a>
    <a href="#" class="list-group-item list-group-item-action bg-info">Trois</a>
    <a href="#" class="list-group-item list-group-item-action bg-success">Quatres</a>
  </div>
</div>
```



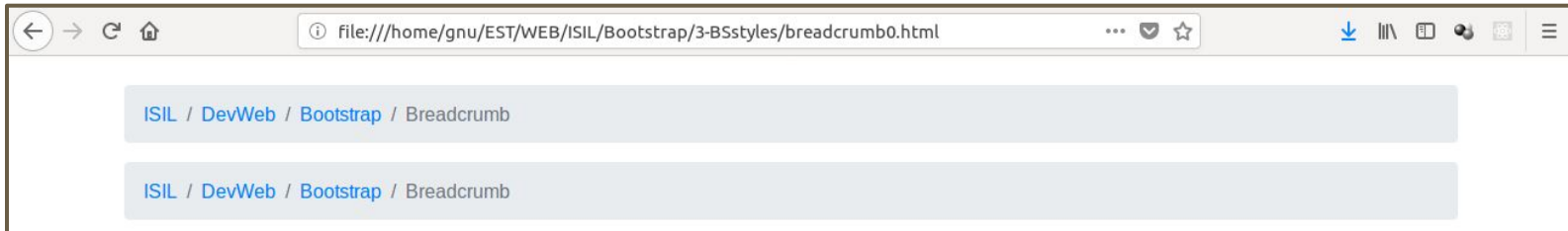
Les Listes: list-group

```
<div class="container">
  <ul class="list-group mb-2 mt-4">
    <li class="list-group-item active d-flex justify-content-between">Un<span class="badge badge-info badge-pill">12</span></li>
    <li class="list-group-item list-group-item-action d-flex justify-content-between">Quatres<span class="badge badge-info badge-pill">104</span></li>
    <li class="list-group-item list-group-item-action d-flex justify-content-between">Trois<span class="badge badge-info badge-pill">65</span></li>
    <li class="list-group-item list-group-item-action d-flex justify-content-between">Quatres<span class="badge badge-info badge-pill">10</span></li>
  </ul>
</div>
```

Un	12
Quatres	104
Trois	65
Quatres	10

Breadcrumb:

```
<div class="container">
  <ul class="breadcrumb mt-4">
    <li class="breadcrumb-item"><a href="#">ISIL</a></li>
    <li class="breadcrumb-item"><a href="#">DevWeb</a></li>
    <li class="breadcrumb-item"><a href="#">Bootstrap</a></li>
    <li class="breadcrumb-item active">Breadcrumb</li>
  </ul>
  <nav class="breadcrumb">
    <a href="#" class="breadcrumb-item">ISIL</a>
    <a href="#" class="breadcrumb-item">DevWeb</a>
    <a href="#" class="breadcrumb-item">Bootstrap</a>
    <span href="#" class="breadcrumb-item active">Breadcrumb</span>
  </nav>
</div>
```

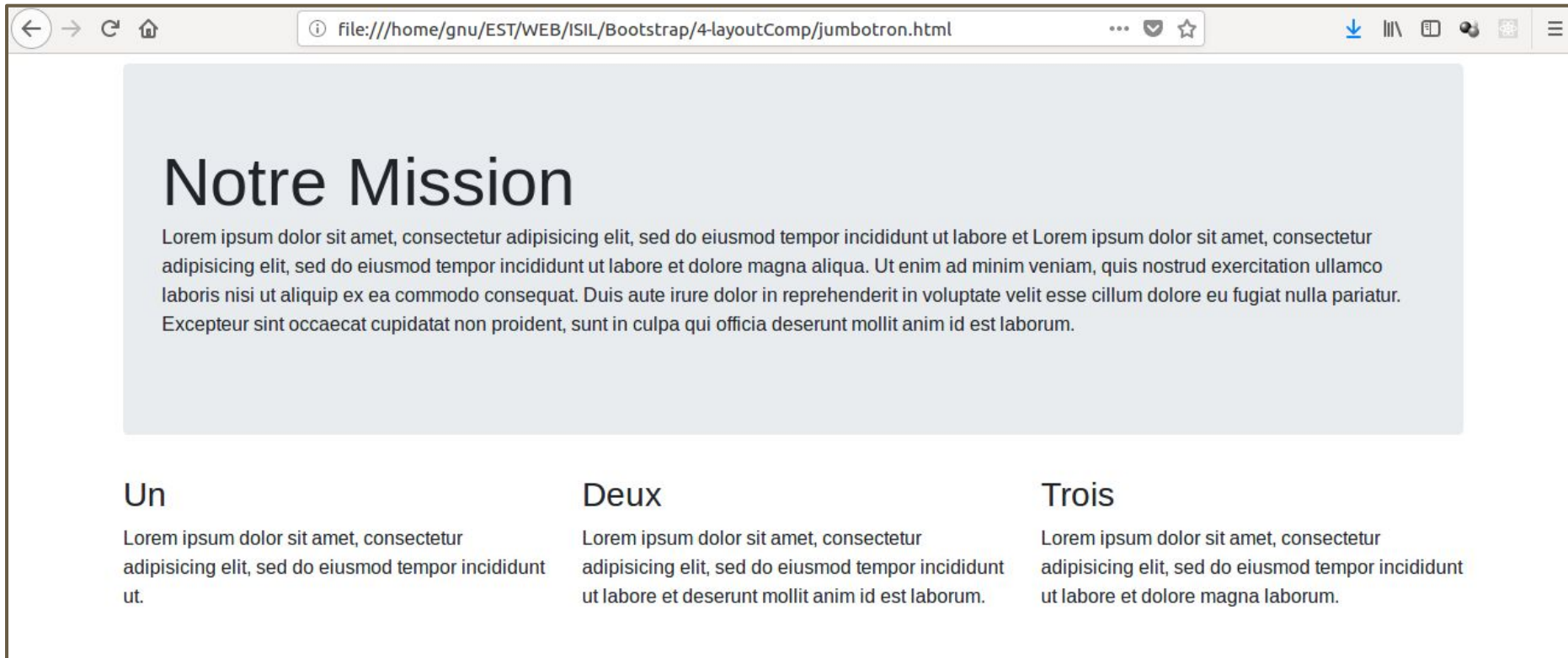


Breadcrumb:

```
<div class="container mt-4">
  <style>
    .breadcrumb-item+.breadcrumb-item::before{
      content : "-->";
    }
  </style>
  <nav class="breadcrumb">
    <a href="#" class="breadcrumb-item">Un</a>
    <a href="#" class="breadcrumb-item">Deux</a>
    <a href="#" class="breadcrumb-item">Trois</a>
    <span href="#" class="breadcrumb-item active">Quatres</span>
  </nav>
</div>
```



Jumbotron:



Jumbotron:

```
<div class="container">
  <header class="jumbotron mt-2">
    <div class="display-4"> Notre Mission</div>
    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
    tempor incididunt ut labore et Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod
    tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation
    consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat
    proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>
  </header>
  <div class="row">
    <section class="col-sm-4">
      <h3>Un</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut
    </section>
    <section class="col-sm-4">
      <h3>Deux</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut
    </section>
    <section class="col-sm-4">
      <h3>Trois</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut
    </section>
  </div>
</div>
```

Les tableaux:

<div><div><div>←</div><div>→</div><div>↺</div><div>🏠</div></div><div>file:///home/gnu/EST/WEB/ISIL/Bootstrap/4-layoutComp/tables.html</div><div><div>⋮</div><div>📌</div><div>★</div></div><div><div>↓</div><div>≡</div><div>📄</div><div>🔍</div><div>⚙️</div><div>☰</div></div></div>				
<h2>Nos Produits</h2> <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</p>				
Num #	Produit	Prix	Remise(%)	Prix promo
100050	Laptop thinkpad x270	12000 Dh	10%	10800 Dh
100050	Micro onde Candy	1500 Dh	20%	1200 Dh
100050	Lave vesselle Bosh	8000 Dh	50% 🔴	4000 Dh

Les tableaux:

```
<table class="table table-light table-hover table-responsive-md">
  <thead class="thead-dark">
    <tr>
      <th scope="col">Num #</th>
      <th scope="col">Produit</th>
      <th scope="col">Prix</th>
      <th scope="col">Remise(%)</th>
      <th scope="col">Prix promo</th>
    </tr></thead>
  <tbody>
    <tr class="table-primary"><th scope="row">100050</th>
      <td>Laptop thinkpad x270</td>
      <td>12000 Dh</td>
      <td>10%</td>
      <td>10800 Dh</td>
    </tr>
    <tr><th scope="row">100050</th>
      <td>Micro onde Candy</td>
      <td>1500 Dh </td>
      <td>20%</td>
      <td>1200 Dh</td>
    </tr>
    <tr><th scope="row">100050</th>
      <td>Lave vesselle Bosh</td>
      <td>8000 Dh </td>
      <td class="bg-warning">50% <span class="badge badge-danger badge-pill">**</span></td>
      <td>4000 Dh</td>
    </tr>
  </tbody>
</table>
```

Mini-Projet

Cours en ligne :

I- Developpement Web

1. HTML
2. CSS
3. BOOTSTRAP
4. JAVASCRIPT
5. React.js
6. Node.js