

Bootstrap comme *framework front-end*



<https://getbootstrap.com> - <http://fontawesome.io/>

Bootstrap

Version 4, développée par *Twitter*

<http://getbootstrap.com/docs/4.0/getting-started/introduction/>

```
<!doctype html>
<html lang="en">
  <head>
    <title>Hello, world!</title>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
      shrink-to-fit=no">
    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="./css/bootstrap.min.css">
  </head>
  <body>
    <!-- JavaScript Optionnel -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="./js/popper.3.2.1.slim.min.js" type="text/javascript"></script>
    <script src="./js/popper.1.12.3.min.js" type="text/javascript"></script>
    <script src="./js/bootstrap.min.js" type="text/javascript"></script>
  </body>
</html>
```

Bootstrap : le système de layout et de grille

2 types de conteneur/d'agencements :

- fluide : pour chaque pixel d'agrandissement de la fenêtre, les éléments s'adaptent.
- fixe : à certaines tailles de fenêtre (576px, 768px, 992px, 1200px et +), la taille du conteneur change

Un système de colonnes

- Une division de l'espace en 12 colonnes
- Une gouttière de 30 px
 - 15 à droite de la colonne de gauche
 - 15 à gauche de la colonne de droite



Quelques exemples d'éléments pratiques

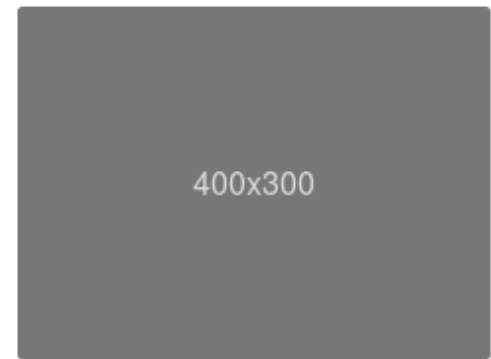
Les tables : la classe `.table` et l'option `.table-bordered`

#	First Name	Last Name	Username
1	Mark	Otto	@mdo
2	Mark	Otto	@TwBootstrap
3	Jacob	Thornton	@fat
4	Larry the Bird		@twitter

```
<table class="table table-bordered">
  <thead>
    <tr>
      <th scope="col">#</th>
      <th scope="col">First Name</th>
      <th scope="col">Last Name</th>
      <th scope="col">Username</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <th scope="row">1</th>
```

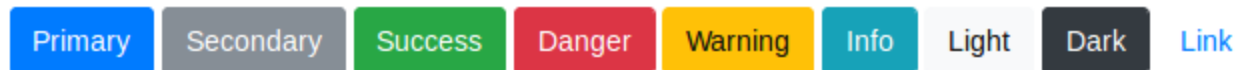
Les figures

```
<figure class="figure">
  
  <figcaption
    class="figure-caption text-right">
    A caption for the above image.
  </figcaption>
</figure>
```



A caption for the above image.

Les boutons



```
<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 formulaires

<https://getbootstrap.com/docs/4.0/components/forms/>

Email

Password

Radios

- ☒ Option one is this and that—be sure to include why it's great
- ☐ Option two can be something else and selecting it will deselect option one
- ☐ Option three is disabled

Checkbox

☐ Check me out

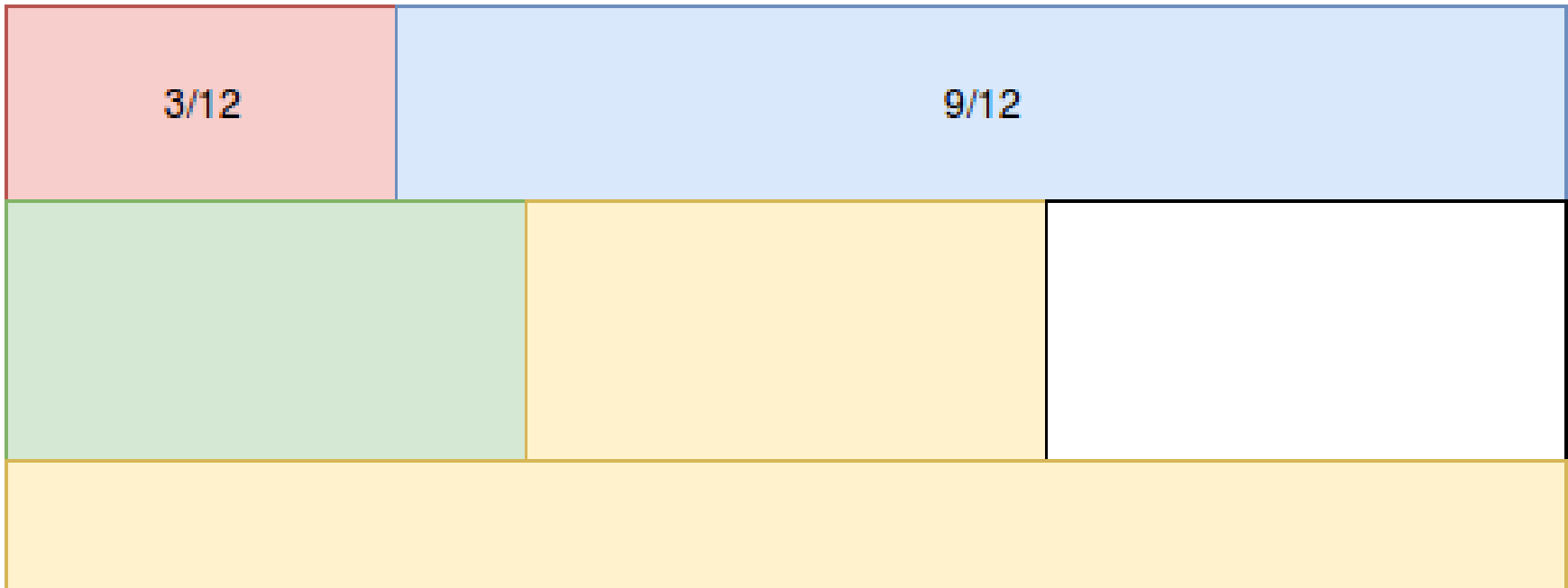
Sign in

```
<form>
  <div class="form-group row">
    <label for="inputEmail3" class="col-sm-2 col-form-label">Email</label>
    <div class="col-sm-10">
      <input type="email" class="form-control" id="inputEmail3" placeholder="Email">
    </div>
  </div>
```

Copy

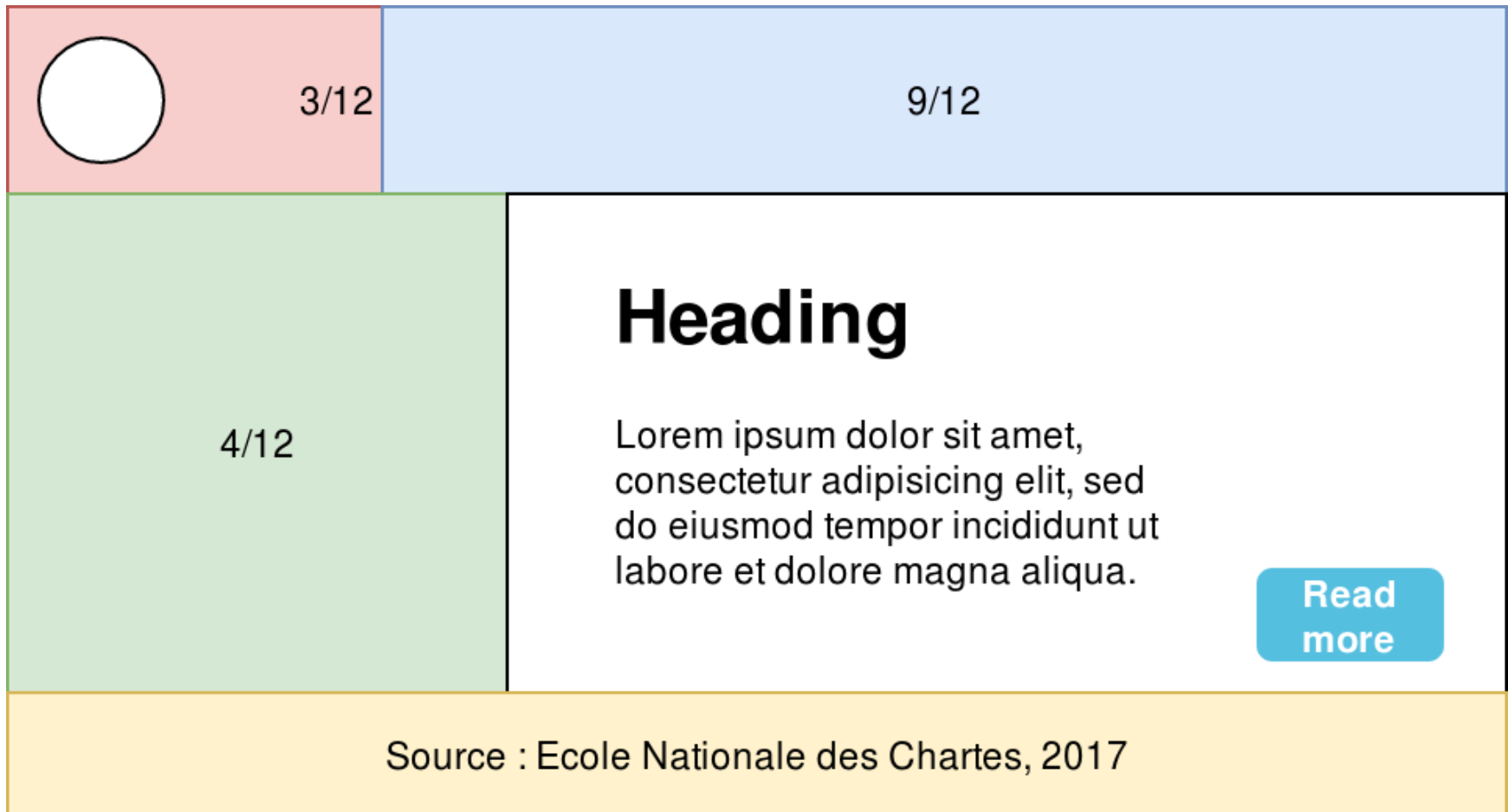
Exercice 1 (Exemple de réalisation) :

Réaliser un ensemble fixe 2 puis 3 colonnes puis 1 colonne tel que suit :



Exercice 2 :

Image ronde à partir de https://github.com/Pontelneptique/cours-css-framework/blob/master/images/ex2_image.png



Exercise 3

github.com/PontIneptique/cours-css-framework/blob/master/images/ex3.png

Open Greek and Latin Project

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1

ἡ μὲντοι καὶ ἡγενομένης τῆς ἡλικίας
καταλείπειν ἐσθλόν· καὶ οὕτω αὖτε, ἡ ἱστορία
ἔσται· ἀποκαταστήσει γὰρ ἀποκαταστήσει
ἀπὸ τῆς ἀρχῆς καὶ καταστήσει τὴν καλὴν

2

καταστήσει τὴν καλὴν ἐκ τῆς ἀρχῆς καὶ
καταστήσει τὴν καλὴν ἐκ τῆς ἀρχῆς καὶ
καταστήσει τὴν καλὴν ἐκ τῆς ἀρχῆς καὶ
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1

Had the prize of History been passed over by former
Christians, it would perhaps have been incontestant
upon much to argue the choice and special study of records
of this sort, as the smallest man may see on a basis of
correcting their knowledge of the past, that my
professioners have not been **ignorant** in this respect.

2

They have all begun and ended, so to speak, by
engaging on the theme: something again and again that
the study of History is in the most common education,
and a training for political life; and that the most
instructive, or rather the only, method of learning to
live with dignity the vicissitudes of fortune is to recall
the catastrophe of others. It is evident, therefore, that
no one need think it his duty to repeat what has been
said by many, and said well. Least of all myself, for the
very nature of the study which I have
undertaken to relate is in itself sufficient to challenge
and stimulate the attention of everyone, old or young,
to the study of my work. Can any one be so indifferent
or idle as not to care to know by what means, and
under what kind of polity, almost the whole inhabited
world was engaged and brought under the dominion
of the single city of Rome, and that too within a period
of not quite fifty years? Or who again can be so
completely absorbed in other subjects of
contemplation or study, as to think any of them

3

4

5

6


7

8

9

10


Popular Texts



Caesar, Gallic War

Caesar


THEODORE BILSON-WILSON, L. BILSON, Ed., 1893



Catullus, Carmina

Catullus


ROBERT S. BILSON-WILSON, L. BILSON, Ed., 1893



Vergil, Aeneid

Vergil


ROBERT S. BILSON-WILSON, L. BILSON, Ed., 1893



Caesar, Gallic War

Caesar


THEODORE BILSON-WILSON, L. BILSON, Ed., 1893



Catullus, Carmina

Catullus

ROBERT S. BILSON-WILSON, L. BILSON, Ed., 1893



Vergil, Aeneid

Vergil

ROBERT S. BILSON-WILSON, L. BILSON, Ed., 1893

Exercise 4

Pandora Post-Correction Editor [New Corpus](#)

Create a new corpus

Corpus Name

This should be a clear name

Tokens (as TSV content)

The TSV should at least have the headers : lemma, POS, morph, form

Allowed lemma

This should be formatted as a list of lemma separated by new line

Allowed POS

This should be formatted as a list of POS separated by comma and no space

Allowed Morph (as TSV content)

The TSV should at least have the header : label and could have a **readable** column for human

Submit

Exercice 5

Pandora Post-Correction Editor Home New Corpus SBath

Corpus SBath - List of tokens

1 2 3 4 5 ... 111 112

Form	Lemma	POS	Morph	Context	Save
Ch'	ce1	PROdem	—	Ch' est le	Save
est	être1	VERcjc	—	Ch' est le vie	Save
le	le	DETdef	—	Ch' est le vie de	Save
vie	vie	NOMcom	—	Ch' est le vie de sainte	Save
de	de	PRE	—	est le vie de sainte Baltelt	Save
sainte	sainte	ADJqua	—	le vie de sainte Baltelt roine	Save
Baltelt	Bathilde	NOMpro	—	vie de sainte Baltelt roine .	Save
roine	reine	NOMcom	—	de sainte Baltelt roine . Beneois	Save
.	.	PONfrt	—	sainte Baltelt roine . Beneois soit	Save
Beneois	bénir	VERppe	—	Baltelt roine . Beneois soit Nostres	Save