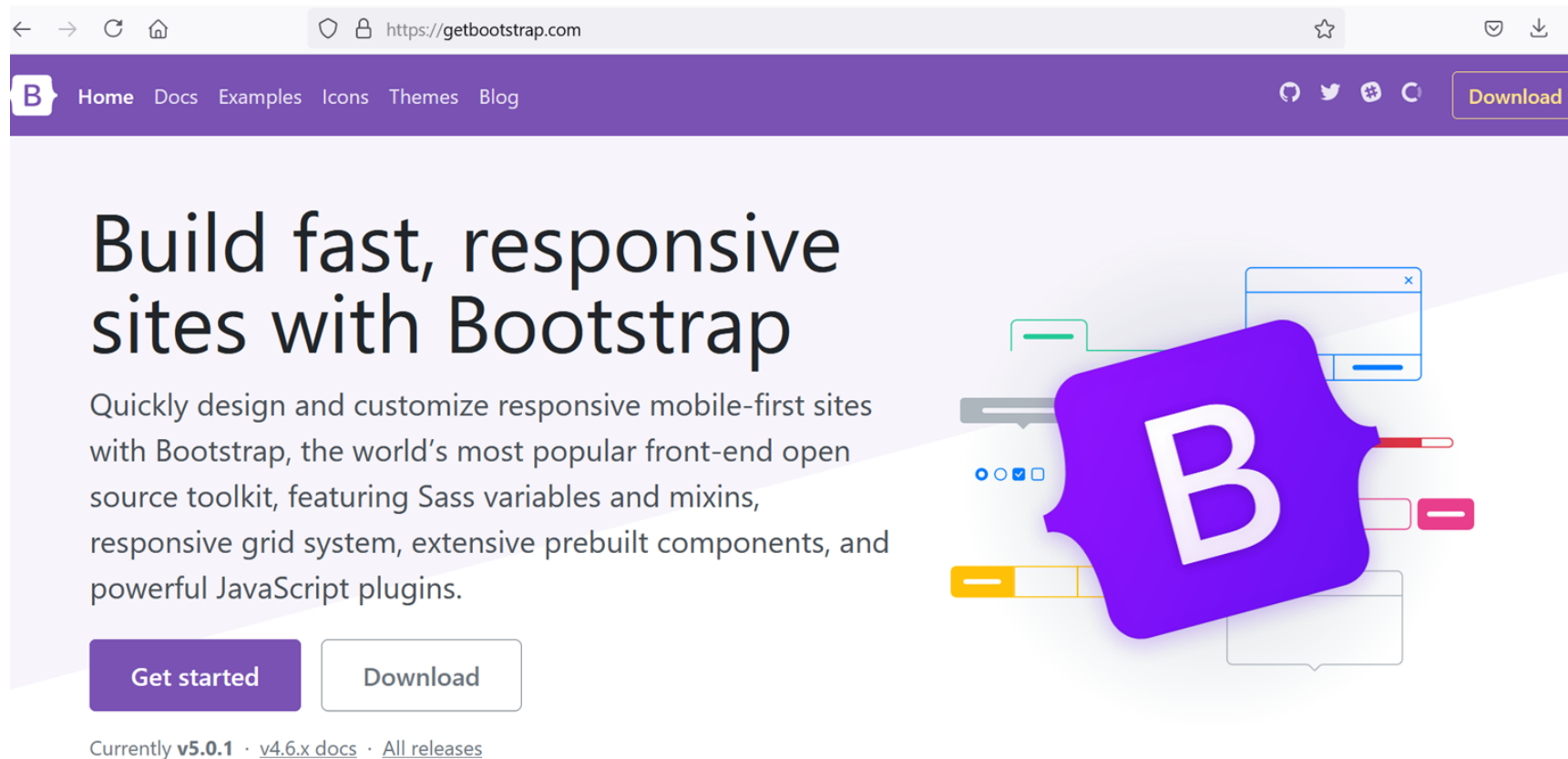


RWD: bootstrap (<http://getbootstrap.com/>)



HTML, CSS, JavaScript : Framework For Web Development

WEB DESIGN

Kurikulum

- Pengantar Web Design
- Definisi Umum HTML
- HTML Dasar
- HTML Form
- HTML Embedded Grafis
- Landing Page
- Definisi CSS
- CSS Formatting Text
- CSS Positioning
- CSS Layout Flexbox
- CSS Layout Grid
- CSS Animation
- Responsive Web Design (RWD)
- Desain RWD Eksternal

Reward



```
export const Reward = (point) => {  
  const hadiah = []  
  if (point >= 750) {  
    hadiah[0] = "Penambahan Nilai"  
    hadiah[1] = "Mendapatkan Hadiah"  
    console.log(hadiah);  
  }  
  
  else if (point >= 500) {  
    hadiah[0] = "Penambahan Nilai"  
    console.log(hadiah);  
  }  
  
  else {  
    console.log("Tetap Semangat");  
  }  
}
```

- Tiap pertemuan akan ada penilaian berupa kuis
- Bagi mahasiswa yang aktif akan mendapatkan point
- Jika point telah mencapai 500, maka mahasiswa berhak menerima penambahan nilai
- Jika point telah mencapai 750 maka mahasiswa berhak mendapatkan hadiah

"Sungguh, para malaikat merendahkan sayapnya sebagai keridaan kepada penuntut ilmu. Orang yang berilmu akan dimintai ampunan oleh penduduk langit dan bumi, bahkan hingga ikan yang ada di dasar laut."

(HR. Abu Daud, Tirmidzi dan Ibnu Majah)

Desain RWD Eksternal

RWD : bootstrap

- Reason #1: Rich Features

Designed for everyone, everywhere.

Need reasons to love Bootstrap? Look no further.



Built for and by nerds

Like you, we love building awesome products on the web. We love it so much, we decided to help people just like us do it easier, better, and faster. Bootstrap is built for you.



12-column grid

Grid systems aren't everything, but having a durable and flexible one at the core of your work can make development much simpler. Use our built-in grid classes or roll your own.



Growing library

Despite being only 10kb (gzipped), Bootstrap is one of the most complete front-end toolkits out there with dozens of fully functional components ready to be put to use.



HTML5

Built to support new HTML5 elements and syntax.



CSS3

Progressively enhanced components for ultimate style.



For all skill levels

Bootstrap is designed to help people of all skill levels — designer or developer, huge nerd or early beginner. Use it as a complete kit or use to start something more complex.



Responsive design

With Bootstrap 2, we've gone fully responsive. Our components are scaled according to a range of resolutions and devices to provide a consistent experience, no matter what.



Custom jQuery plugins

What good is an awesome design component without easy-to-use, proper, and extensible interactions? With Bootstrap, you get custom-built jQuery plugins to bring your projects to life.



Cross-everything

Originally built with only modern browsers in mind, Bootstrap has evolved to include support for all major browsers (even IE7!) and, with Bootstrap 2, tablets and smartphones, too.



Styleguide docs

Unlike other front-end toolkits, Bootstrap was designed first and foremost as a styleguide to document not only our features, but best practices and living, coded examples.



Built on LESS

Where vanilla CSS falters, LESS excels. Variables, nesting, operations, and mixins in LESS makes coding CSS faster and more efficient with minimal overhead.

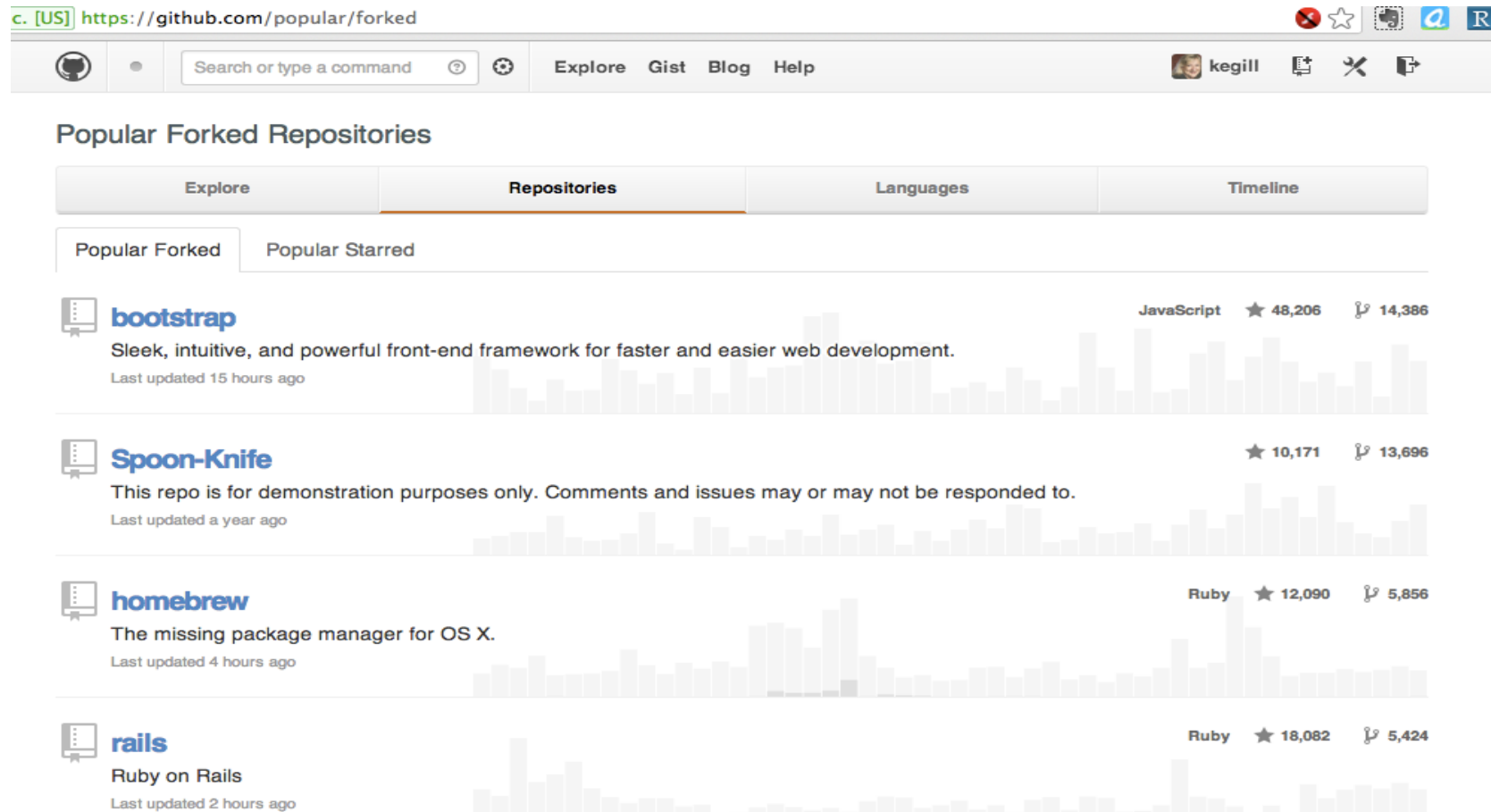


Made at Twitter

Brought to you by an experienced [engineer](#) and [designer](#).

RWD : bootstrap

- Reason #2: Popularity



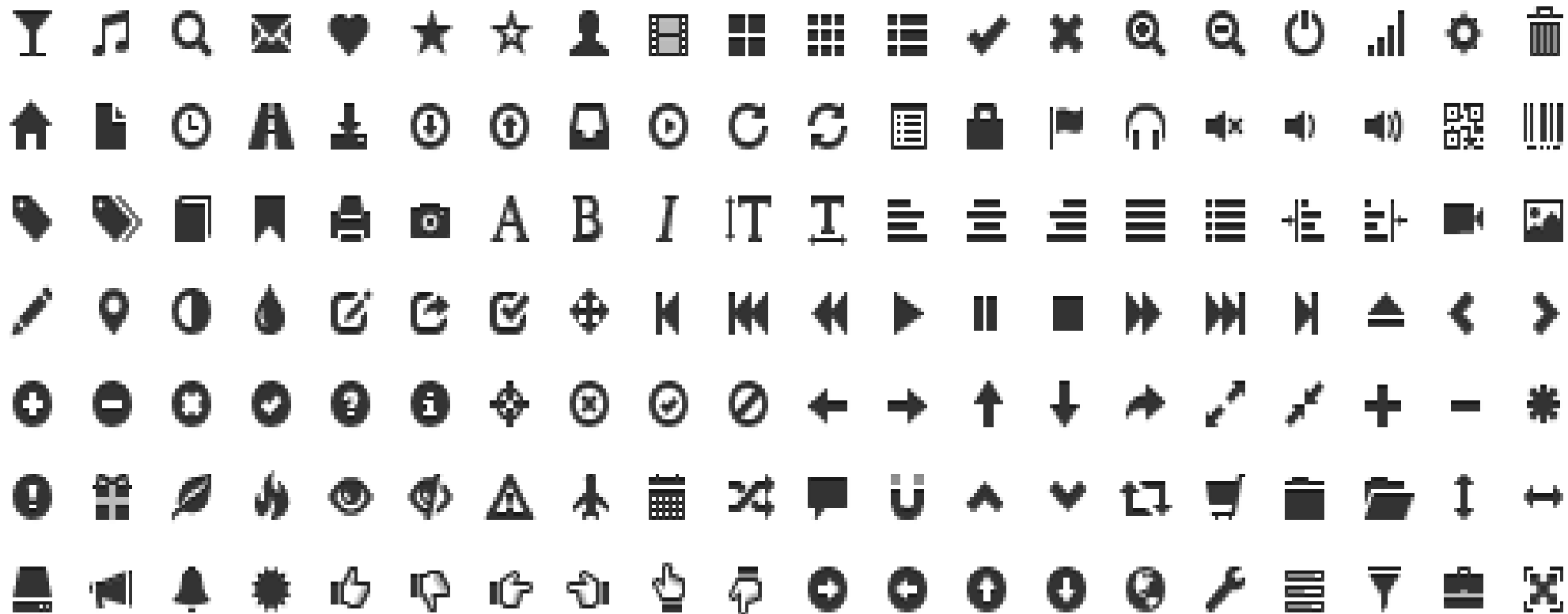
RWD : bootstrap

- Reason #3: Browser Support



RWD : bootstrap

- Reason #4: Icon Set



RWD : bootstrap

- Reason #5: Grid System



RWD : bootstrap

- Reason #6: Components

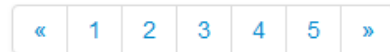
- › Buttons:



- › Tabs:

- › Breadcrumb:

- › Pagination:

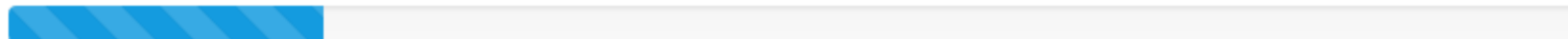


- › Alerts:

Warning! Best check yo self, you're not looking too good.



- › Progress bar:



RWD : bootstrap

- Reason #7: Component

1. Choose components

Toggle all

Scaffolding

- ☒ Normalize and reset
- ☒ Body type and links
- ☒ Grid system
- ☒ Layouts

Base CSS

- ☒ Headings, body, etc
- ☒ Code and pre
- ☒ Labels and badges
- ☒ Tables
- ☒ Forms
- ☒ Buttons

Components

- ☒ Button groups and dropdowns
- ☒ Navs, tabs, and pills
- ☒ Navbar
- ☒ Breadcrumbs
- ☒ Pagination
- ☒ Pager
- ☒ Thumbnails
- ☒ Alerts
- ☒ Progress bars
- ☒ Hero unit
- ☒ Media component

Miscellaneous

- ☒ Media object
- ☒ Wells
- ☒ Close icon
- ☒ Utilities
- ☒ Component animations

Responsive

- ☒ Visible/hidden classes
- ☒ Narrow tablets and below (<767px)
- ☒ Tablets to desktops (767-979px)
- ☒ Large desktops (>1200px)
- ☒ Responsive navbar

RWD : bootstrap

- Reason #8: JavaScript/JQuery

☒ Transitions (required for any animation)

☒ Modals

☒ Dropdowns

☒ Scrollspy

☒ Toggable tabs

☒ Tooltips

☒ Popovers (requires Tooltips)

☒ Affix

☒ Alert messages

☒ Buttons

☒ Collapse

☒ Carousel

☒ Typeahead

Heads up!

All checked plugins will be compiled into a single file, bootstrap.js. All plugins require the latest version of [jQuery](#) to be included.

RWD : bootstrap

- Reason #9: Well Documentations & Example
- ## Dropdown menus

Example

Toggleable, contextual menu for displaying lists of links. Made interactive with the [dropdown JavaS](#)

Example

Action
Another action
Something else here

Separated link

```
<ul class="dropdown-menu" role="menu" aria-labelledby="dropdownMenu">  
  <li><a tabindex="-1" href="#">Action</a></li>  
  <li><a tabindex="-1" href="#">Another action</a></li>  
  <li><a tabindex="-1" href="#">Something else here</a></li>  
  <li class="divider"></li>  
  <li><a tabindex="-1" href="#">Separated link</a></li>  
</ul>
```

RWD : bootstrap

- Reason #10: Integration with Server Side Program
 - PHP
 - Framework : Component Yii Framework, Laravel, CI
 - Java Web (Servlet / JSP)
 - Framework : Spring, Tapestry
 - ASP.NET
 - ASP.NET MVC
 - Ruby
 - Ruby On Rails
 - Python
 - Django

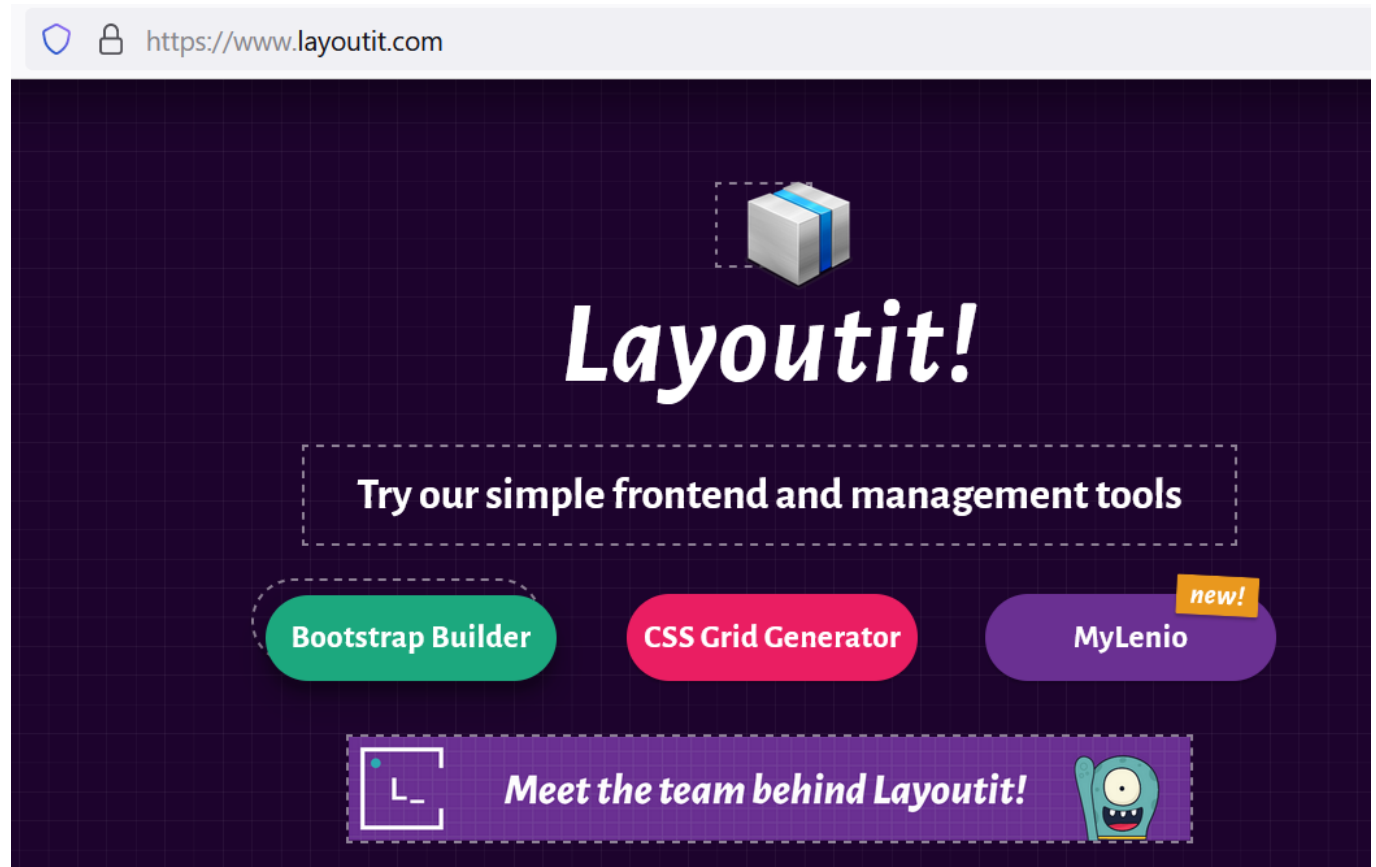
RWD : bootstrap

- Reason #11: Integration with CMS Themes
- Joomla
- Wordpress
- Drupal



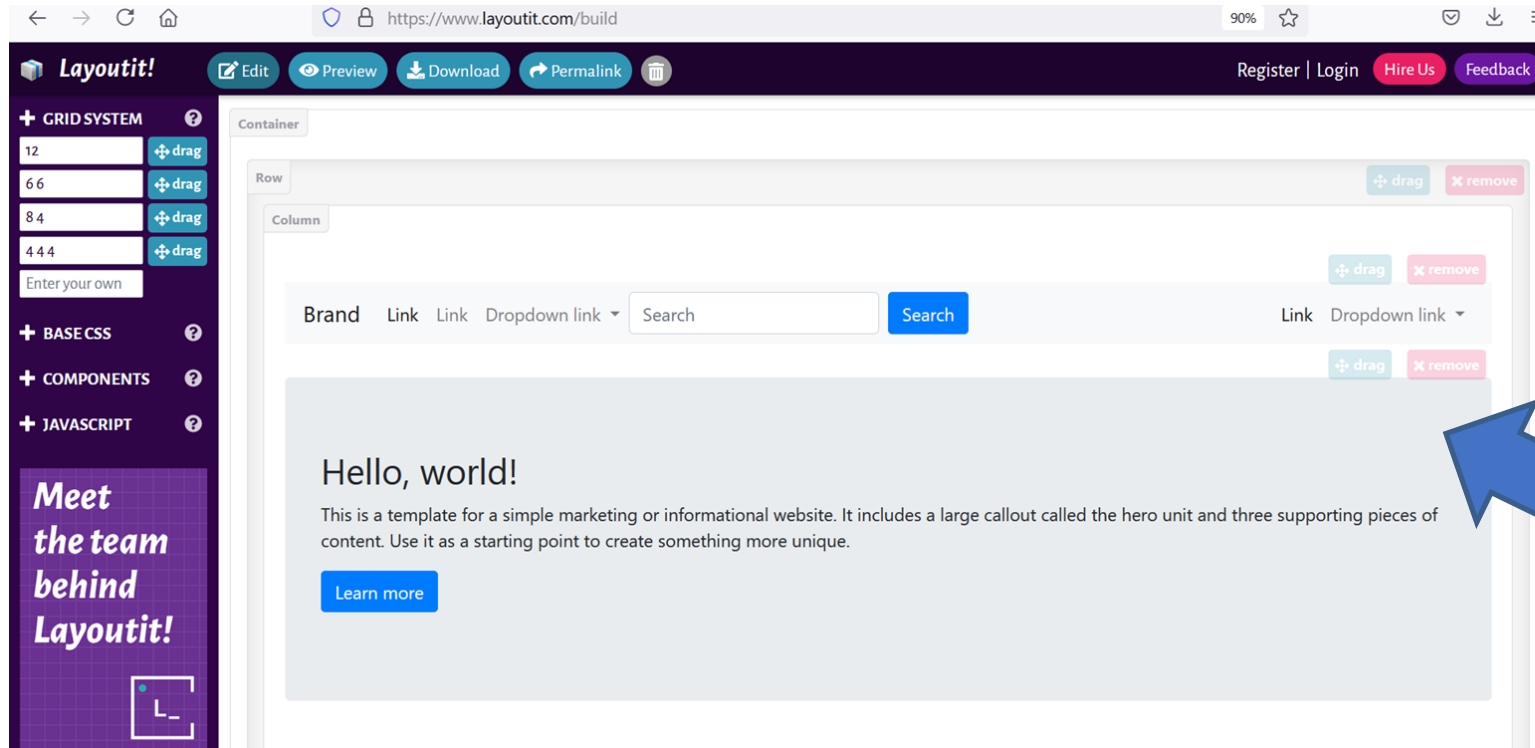
RWD: bootstrap Version & Design

- Version:
 - v5.x
 - V4.x
- Design Online
 - <http://www.boottheme.com/>
 - <http://www.layoutit.com/>
 - <https://bootsnipp.com/>
- Web Template
 - <http://bootswatch.com>
 - <http://startbootstrap.com>



Bootstrap Online Design :layoutit.com

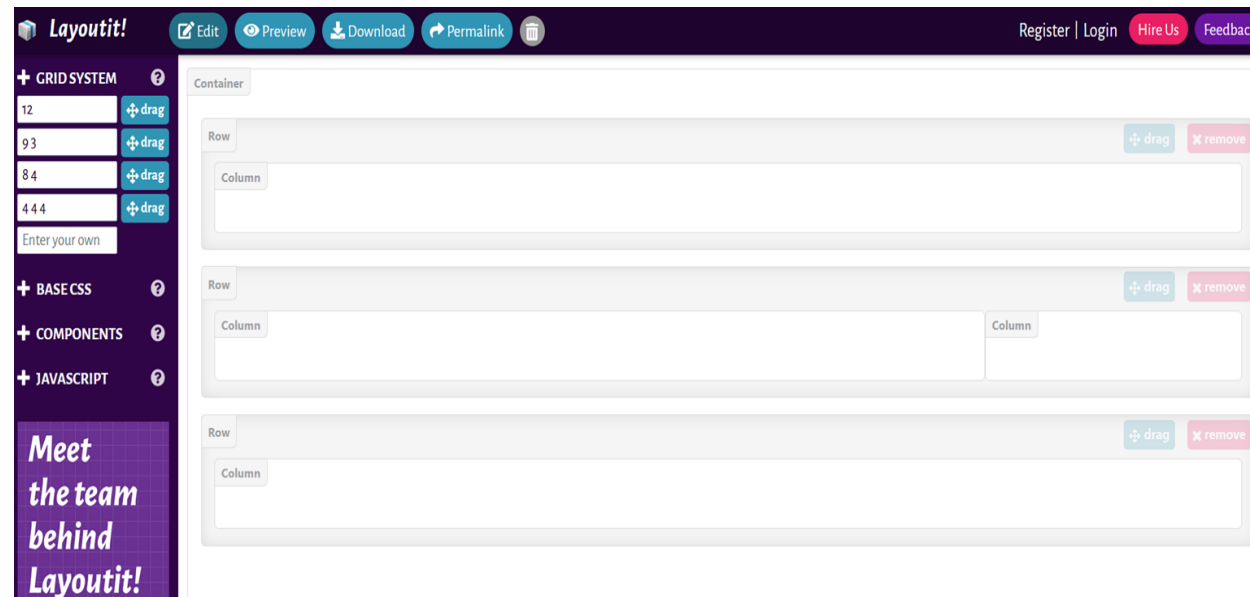
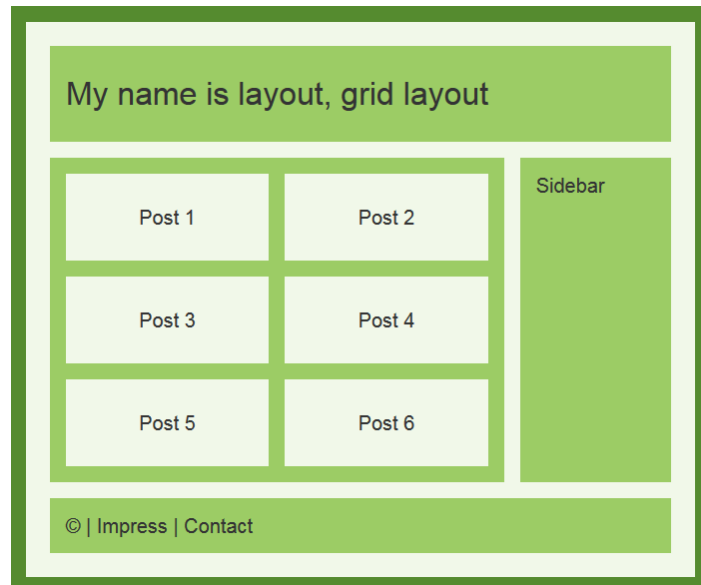
- <http://layoutit.com/build>



Clear Area Kerja
Delete Item Grid

Bootstrap Online Design :layoutit.com

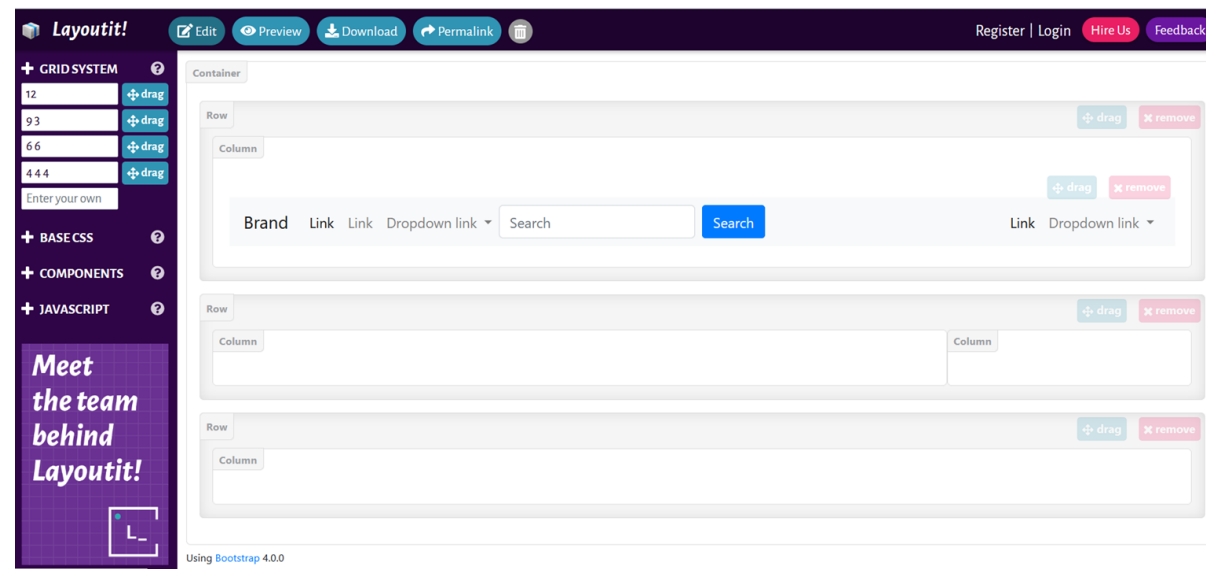
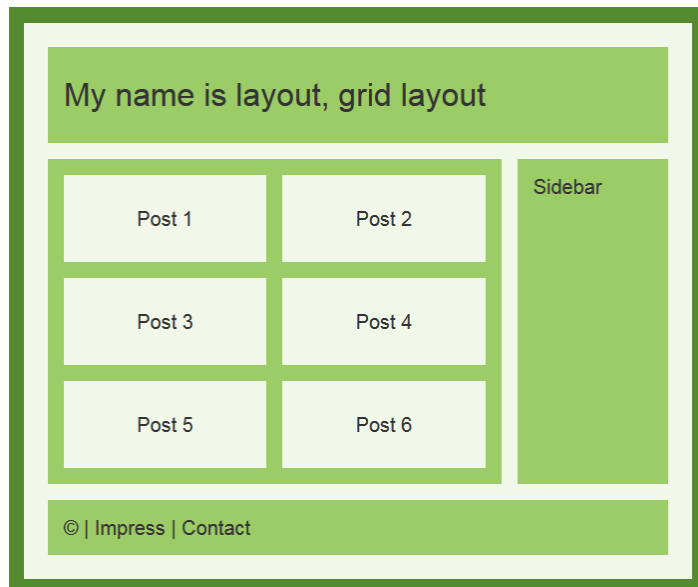
- Grid System : 12: 9-3 : 12



Click & Drag dari Grid System ke Area Kerja sesuaikan dengan unit grid system

Bootstrap Online Design :layoutit.com

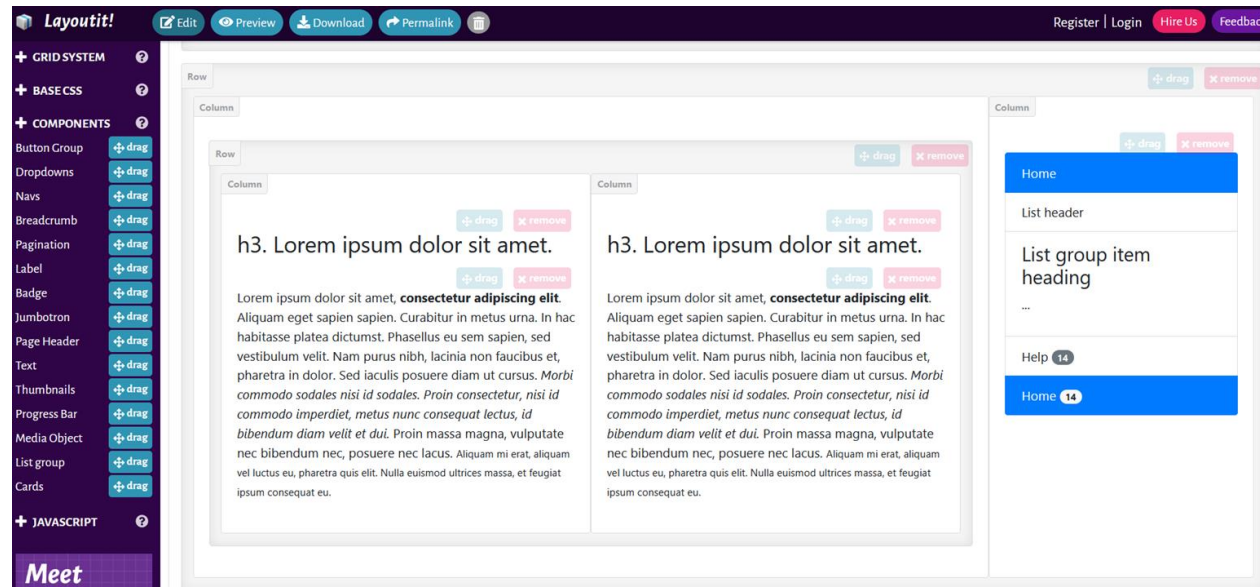
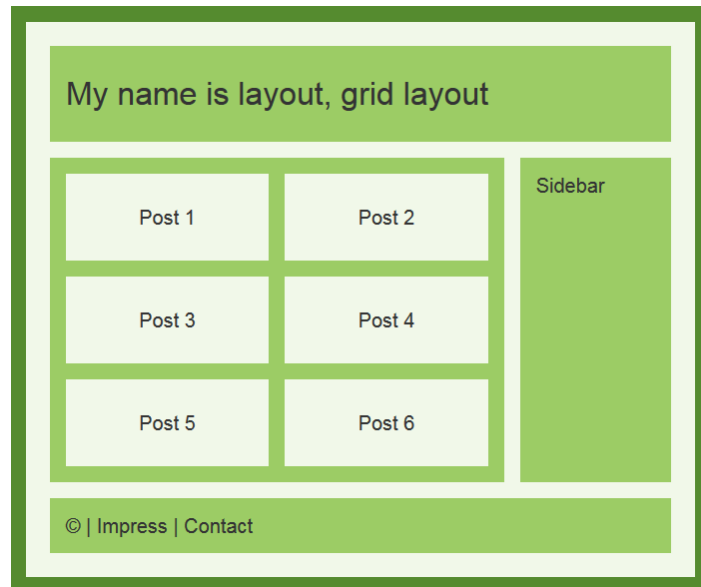
- Header: JavaScript – Navbar Menu



Click & Drag di area header komponen JavaScript Navbar Menu

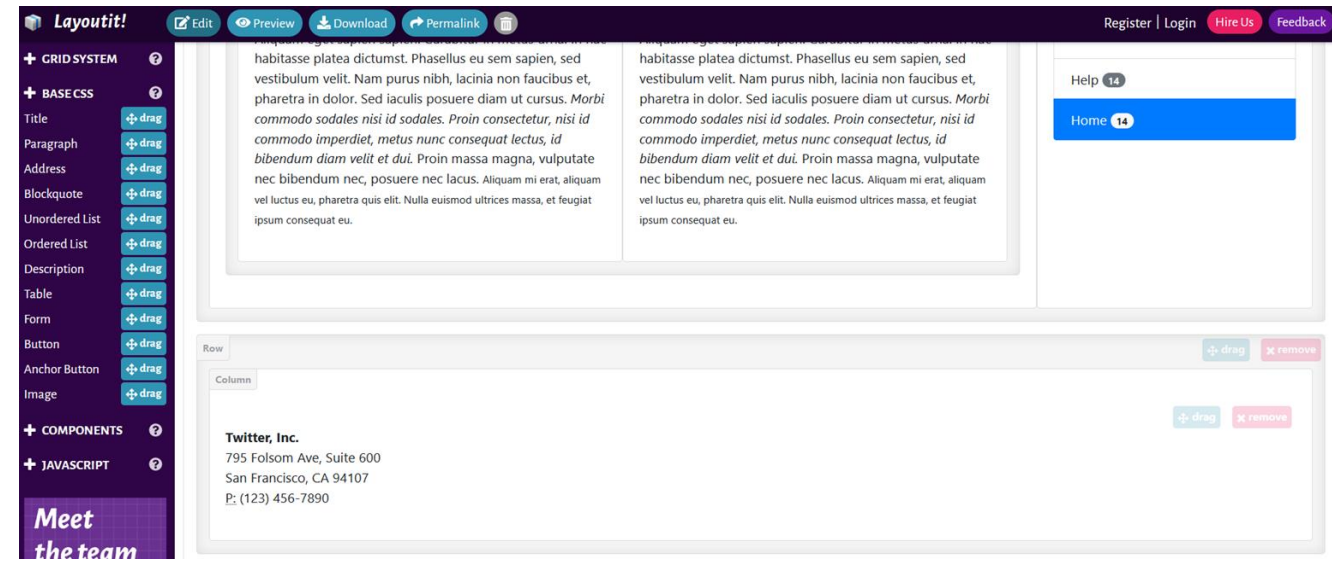
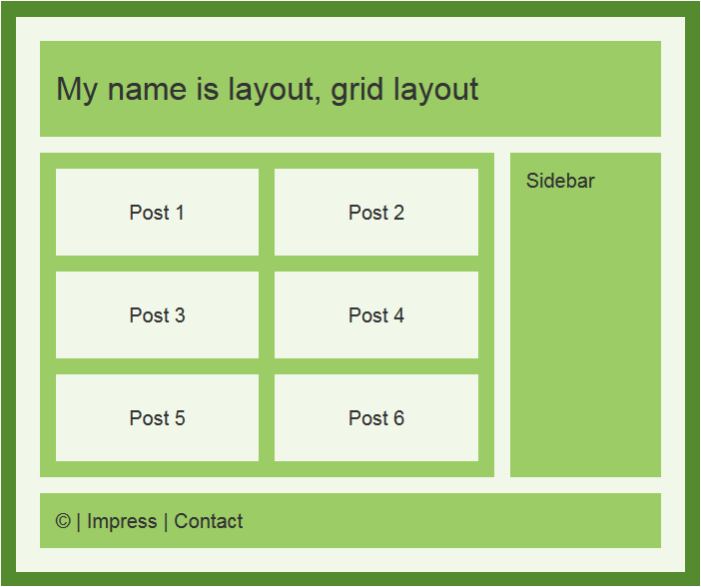
Bootstrap Online Design :layoutit.com

- Main: Grid System 6-6 , Base CSS: Title & Paragraph
- Side Bar: Component : List Group



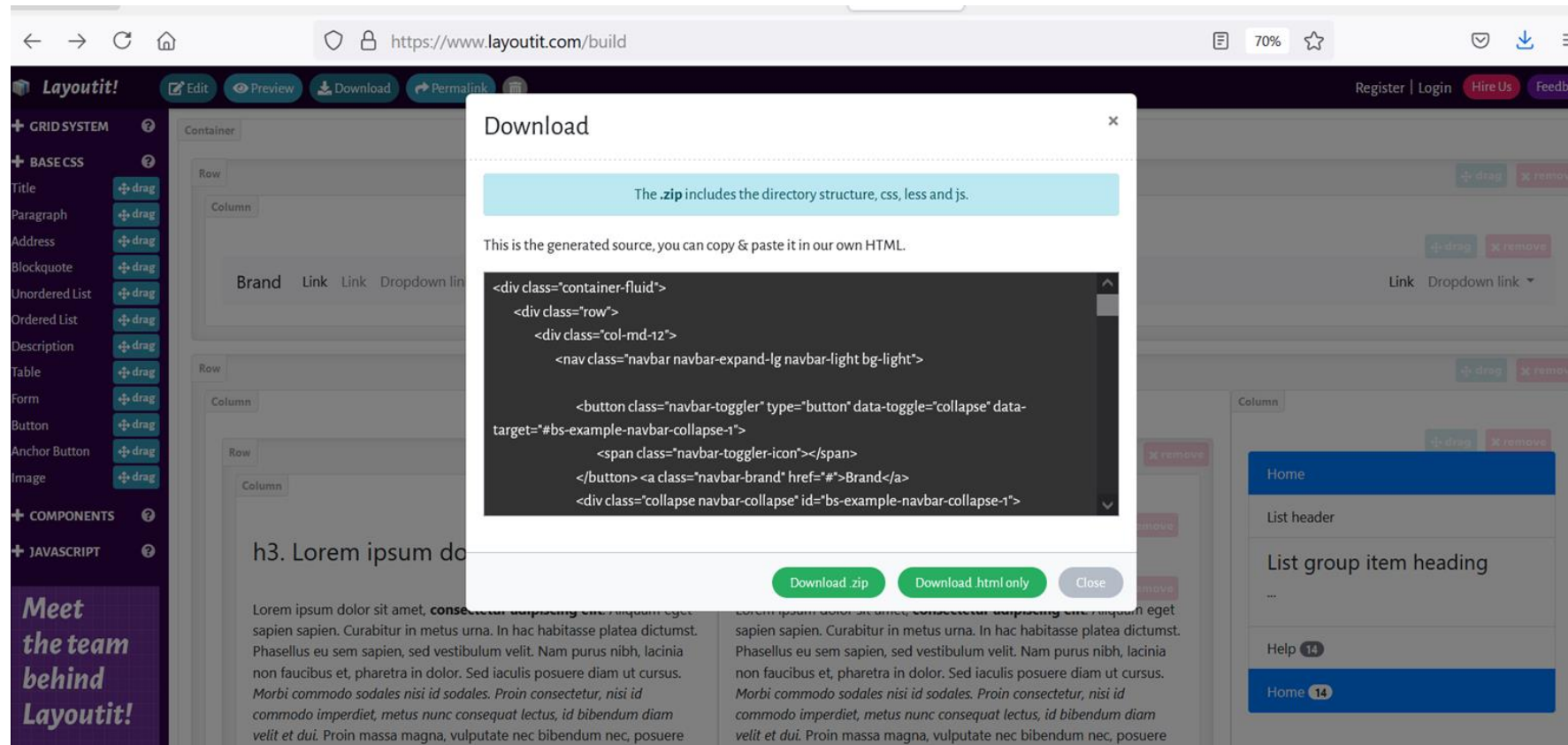
Bootstrap Online Design :layoutit.com

- Footer: Base CSS: Address



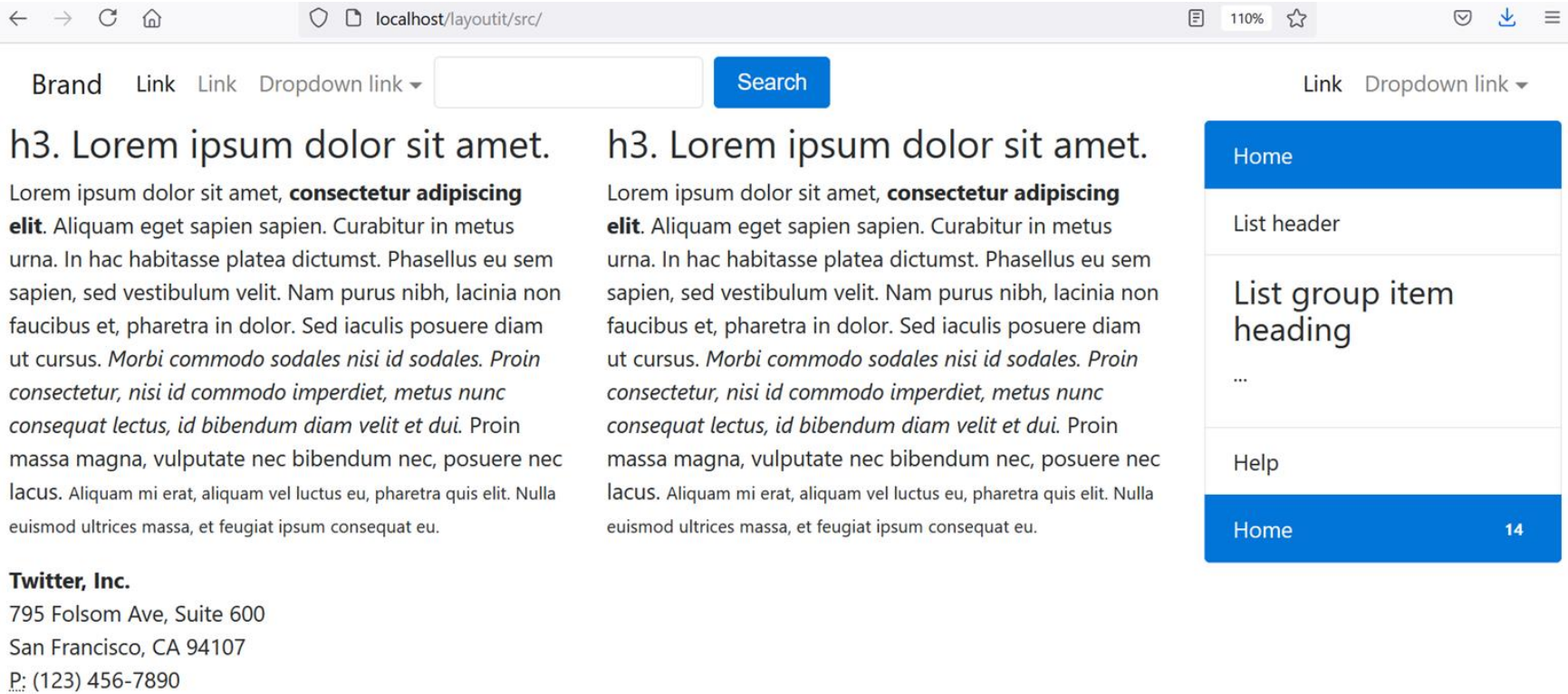
Bootstrap Online Design :layoutit.com

- Download Program: click link download di menu atas
Pilih Download Zip (versi lengkap: CSS, JavaScript, HTML)



Bootstrap Online Design :layoutit.com

- Ekstrakt file zip hasil download di direktori web anda, dan akses via browser dan buka folder source kode dengan editor program



Tugas Kelompok Mandiri 14

1. Membuat Sebuah Website (Tema Bebas) Menggunakan **Bootstrap**, **1 Kelompok 1 buah website**.
Silahkan explore bersama kelompok. **OPEN SOURCE**
2. Menggunakan **HTML, CSS, & JavaScript**
3. Terdapat fitur wajib : **Login, Form Pendaftaran, Konten** (gambar & video), dan tambahkan sesuai kebutuhan.
4. Pengumpulan **Jum'at, 16 September 2022 Pukul 22.00 WIB**.

Video Referensi Bootstrap:

https://www.youtube.com/watch?v=WB2X_AG-SSo&list=PLnrs9DcLyeJTxqZ4lWgVHXBwFgZEkw9r&ab_channel=CaraFajar

Tema Kelompok Mandiri 14

1. Web Sekolah
2. Web Berita
3. WebE-Commerce
4. Web UMKM
5. Web Sekolah
6. Web Sejarah

الْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ

“Jangan lari dari masalah, agar kau bisa merasakan manisnya dari masalah tersebut, karena hidup juga butuh banyak rasa.”

- Belajar Hidup -