

# MATA KULIAH PEMROGRAMAN WEB

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07

## UI FRAMEWORK



# PROPELLER



# PROPELLER

- Front-end responsive framework
- Dibangun berdasarkan Bootstrap, dan Google's Material Design Standards

# ADMIN TEMPLATE

- Unduh file pmd-admin-template-1.0.0.zip
- Ekstraksi file tersebut. Lokasi ekstraksi bebas.

# STRUKTUR FOLDER HASIL EKSTRAKSI

- pmd-admin-template-1.0.0
  - assets
    - css
    - fonts
    - images
    - js
  - components
  - theme
    - css
    - images
    - js

# FOLDER HTDOCS

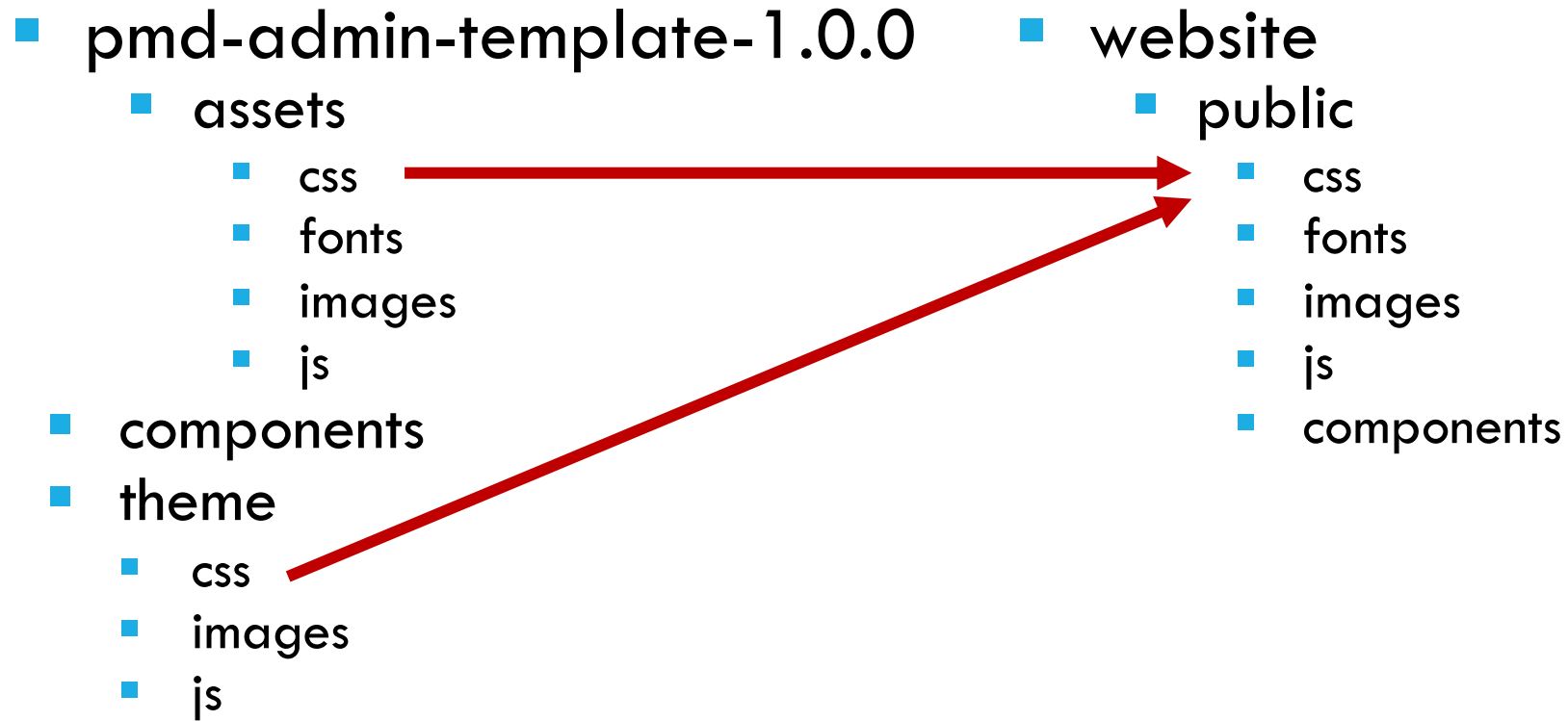
- Buka folder **htdocs**, kemudian buat sub folder bernama **website**
- Pada folder website, buat file bernama **index.php**
- Pada folder website, buat subfolder bernama **public**
- Pada folder public, buat lima subfolder, yaitu **components, css, fonts, images, js**

# STRUKTUR FOLDER WEBSITE

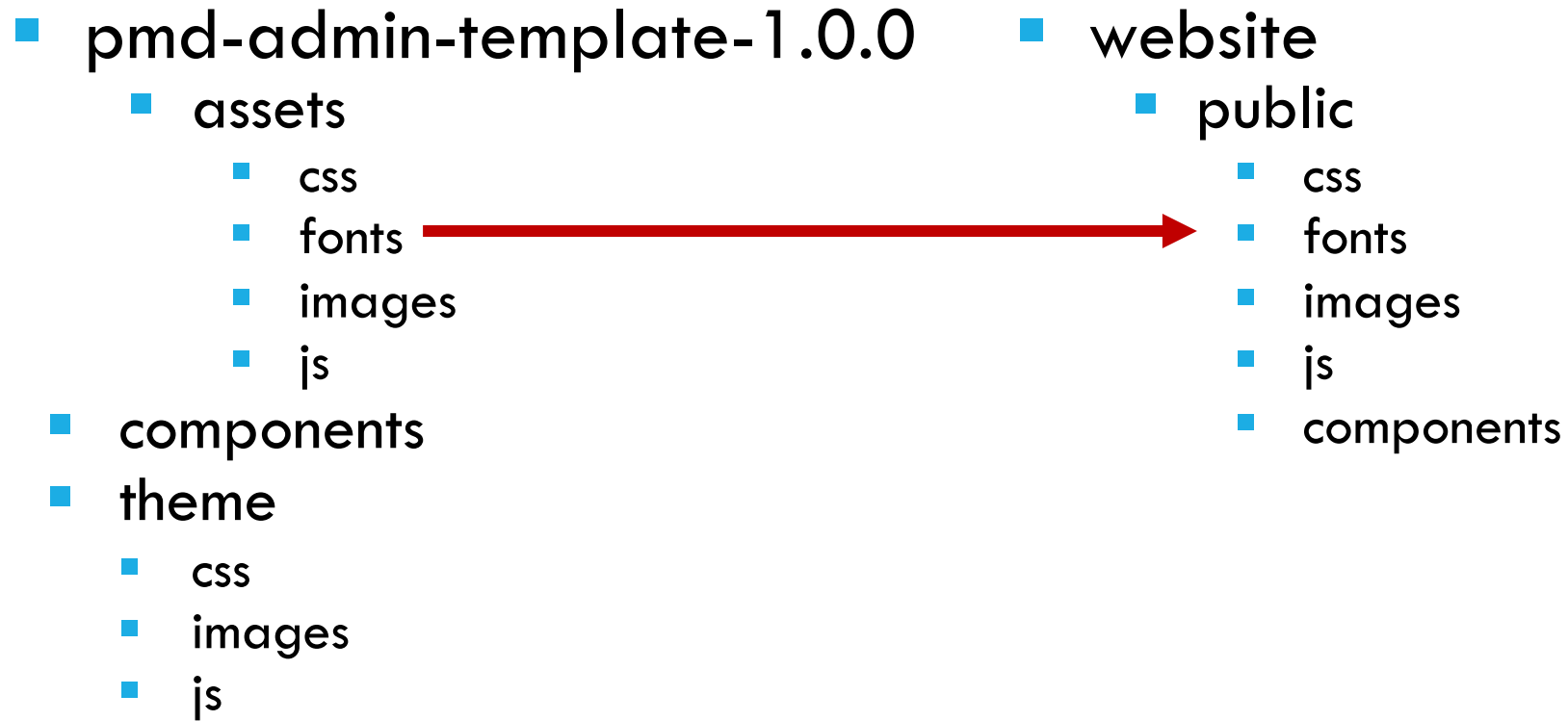
- website
  - public
    - components
    - css
    - fonts
    - images
    - js



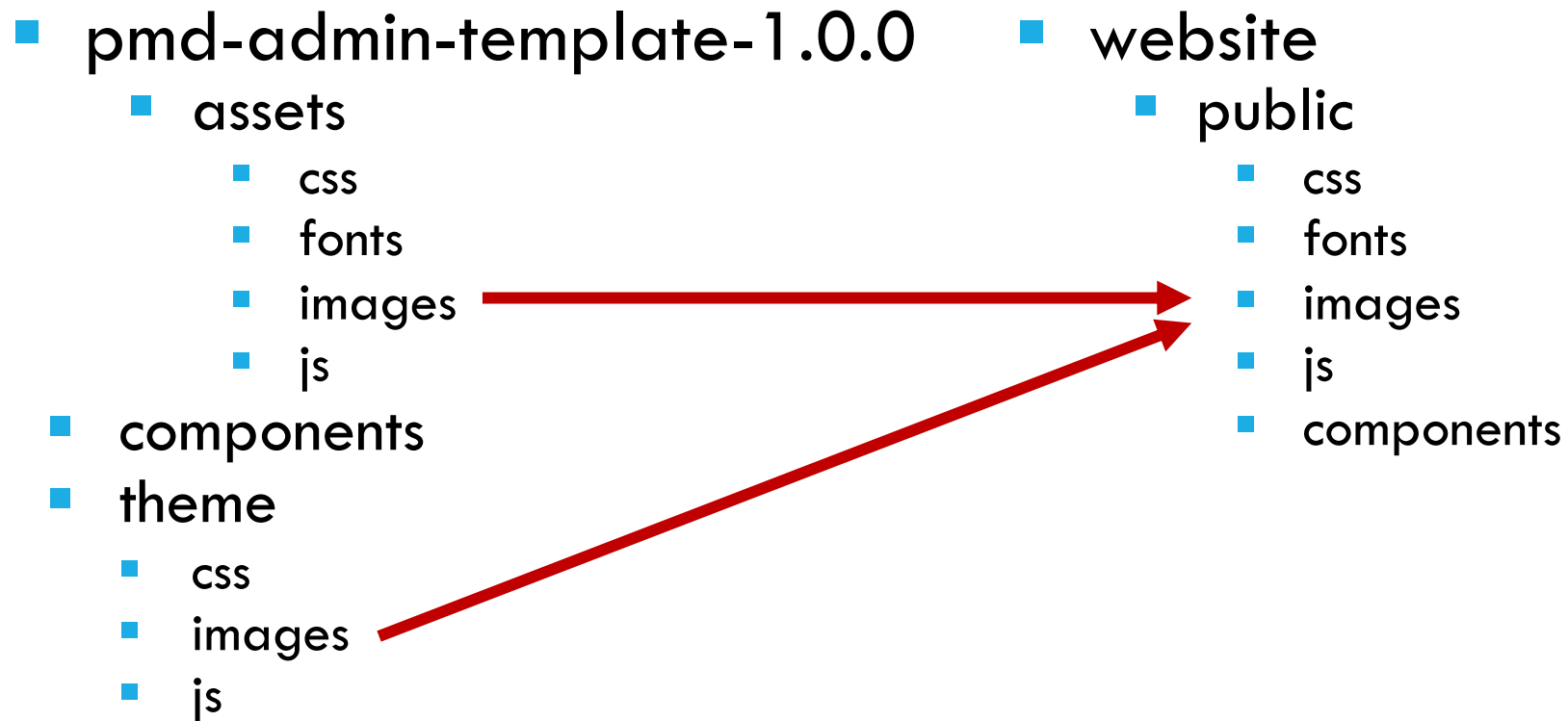
# KOPI ISI FOLDER CSS



# KOPI ISI FOLDER FONTS

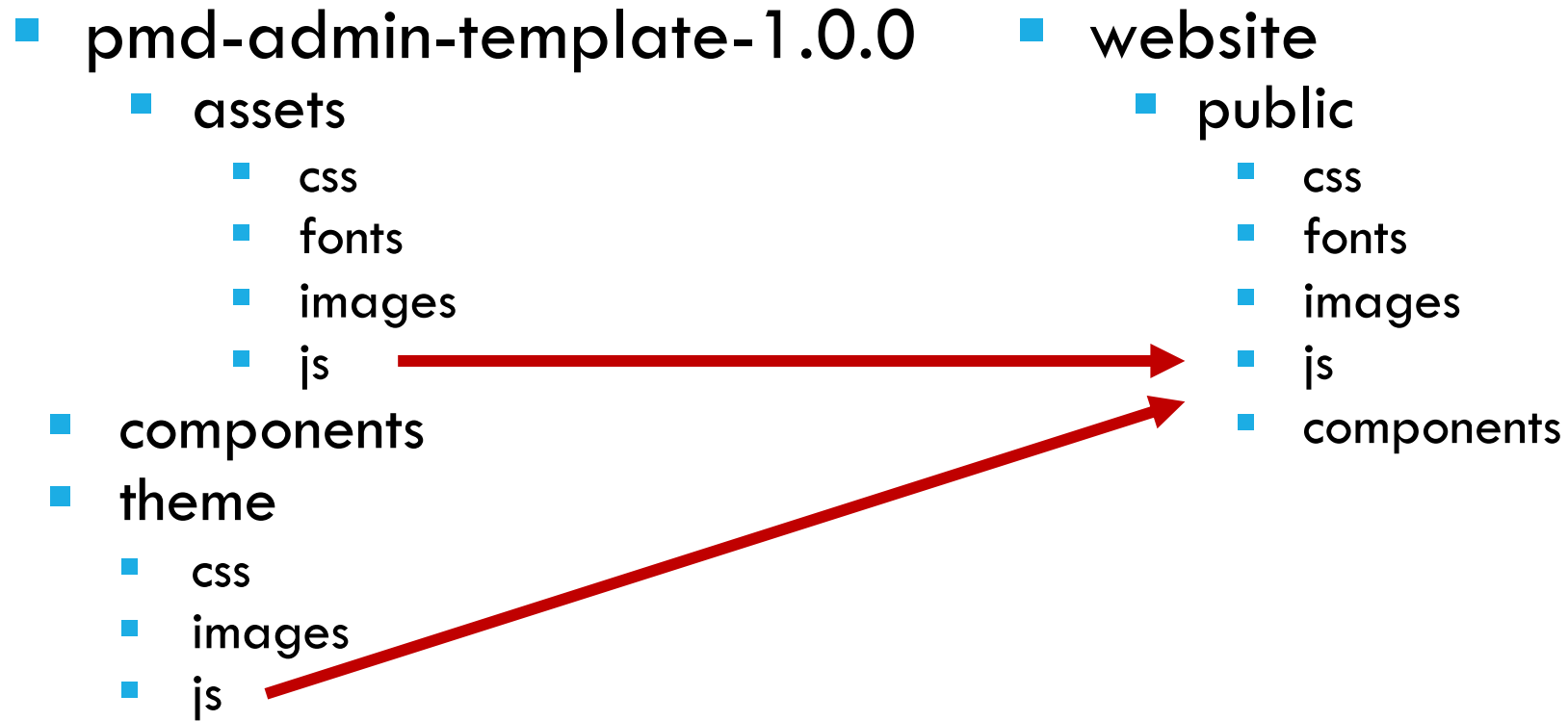


# KOPI ISI FOLDER IMAGES

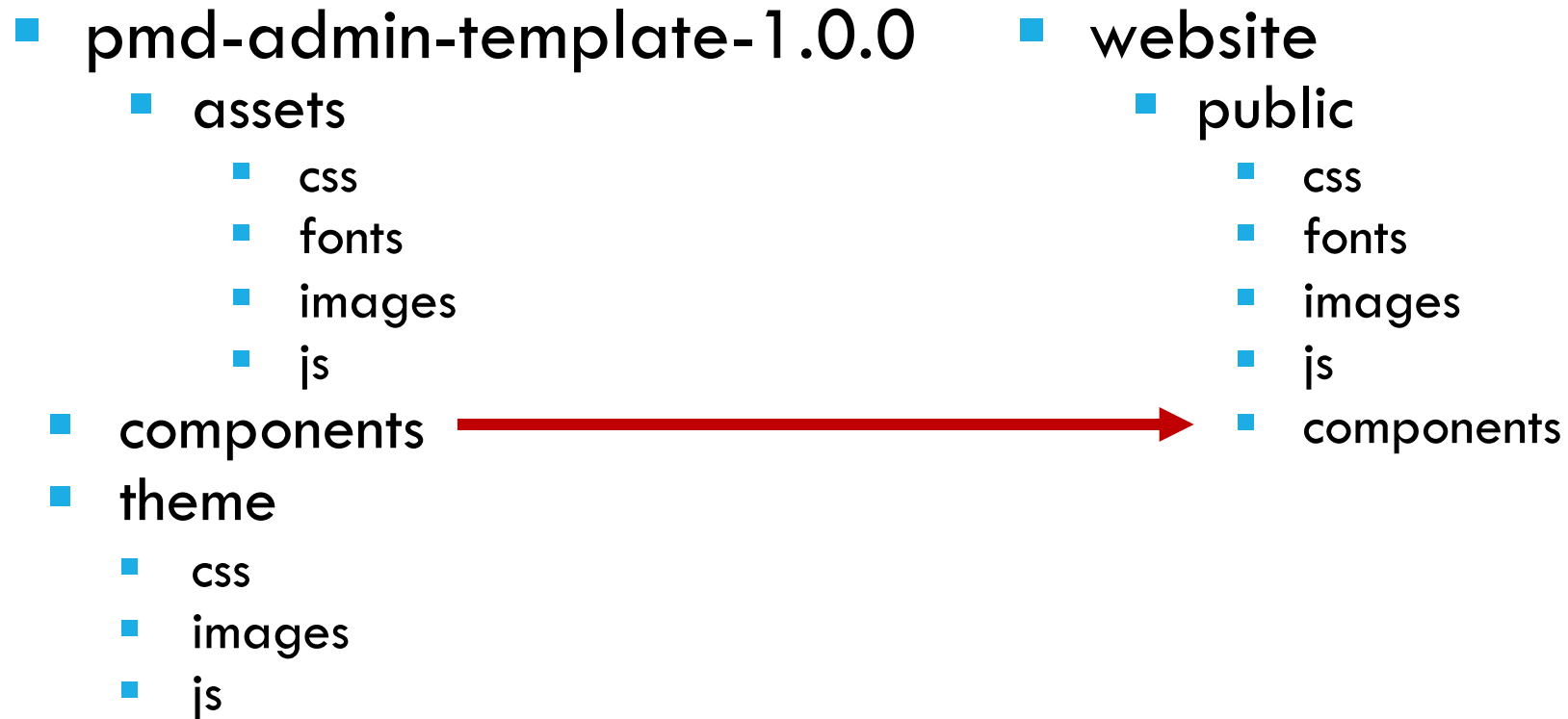


\* Pada folder **theme/images**, ada file **favicon.ico** juga. Jika muncul notifikasi me-replace, lakukan saja.

# KOPI ISI FOLDER JS



# KOPI ISI FOLDER COMPONENTS



# STRUKTUR FOLDER WEBSITE

- website
  - public
    - components
    - css
    - fonts
    - images
    - js

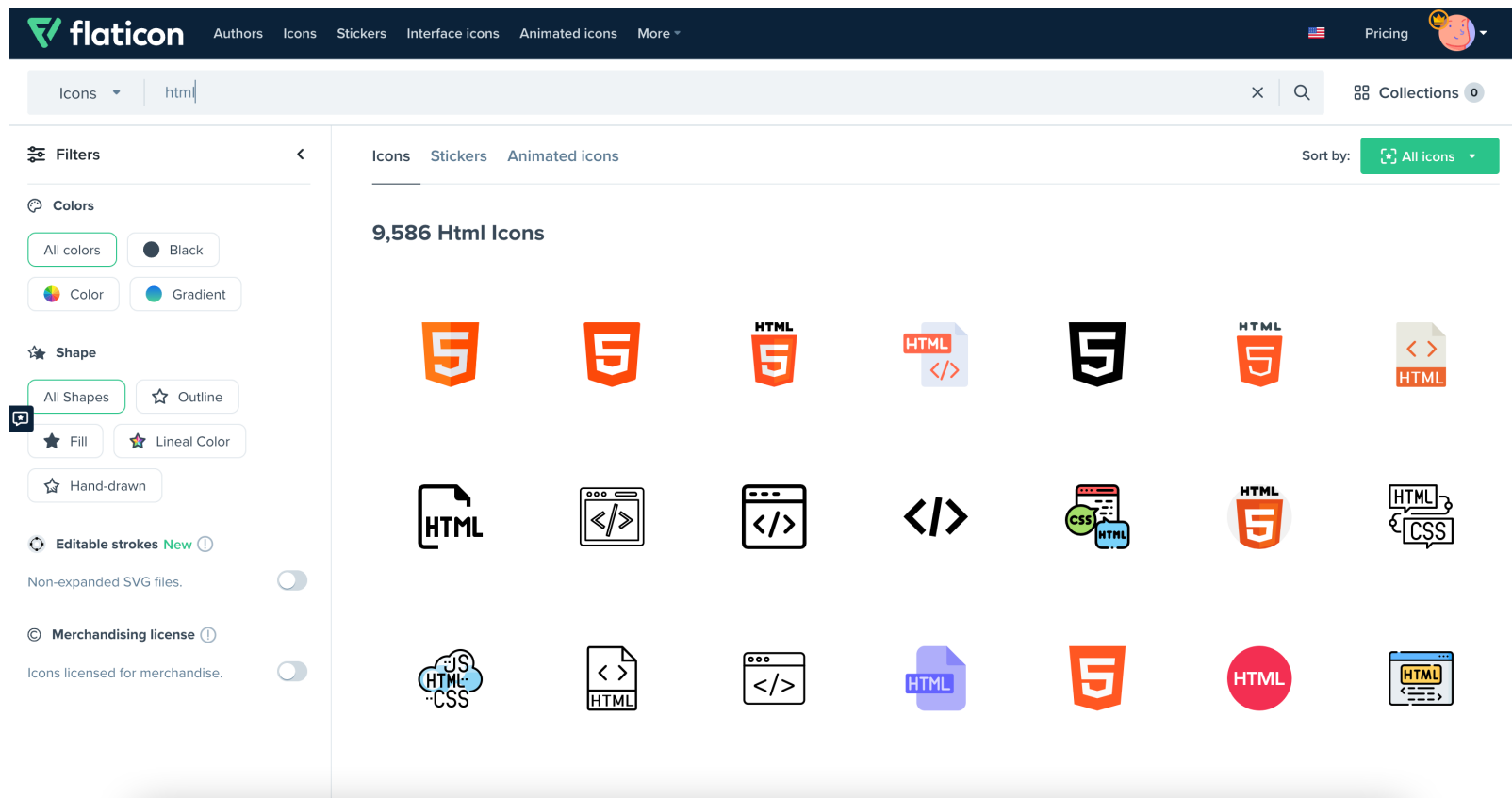
\* Pada folder public, pastikan kelima subfolder-nya berisikan file index.html.

\* File index.html tersebut tidak perlu berisikan kode html.

# FILE FAVICON.PNG

- Pada folder public/images/, hapus file favicon.ico
- Buka <https://flaticon.com>
- Cari icon yang diinginkan, misalnya ketikkan html

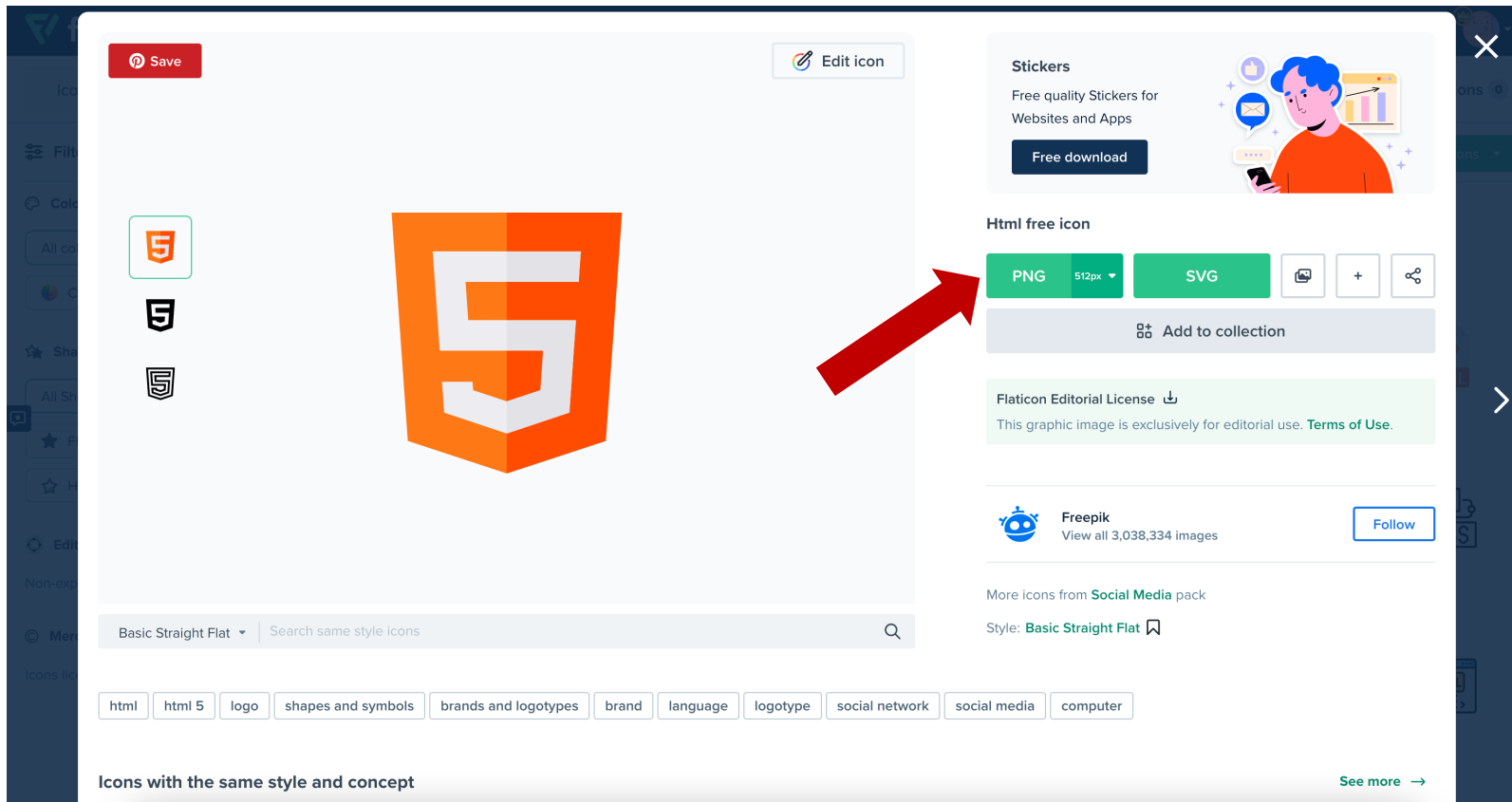
# FILE FAVICON.PNG



Hasil pencarian : html. Klik pada icon yang diinginkan.



# FILE FAVICON.PNG



Klik tombol PNG

# FILE FAVICON.PNG



Hasil download di-rename menjadi favicon.png. Kopikan file tersebut ke folder public/images

# FILE INDEX.PHP

- Edit file index.php, tuliskan kode dokumen HTML.
- Di dalam <head>, tambahkan

```
<meta charset="utf-8">
```

```
<meta http-equiv="X-UA-Compatible"  
content="IE=edge">
```

```
<meta name="viewport" content="width=device-width,  
initial-scale=1, user-scalable=no">
```

\* Untuk propeller, ketiga <meta> tersebut harus berada paling atas setelah <head>

# TITLE

- Masih di dalam `<head>`, tambahkan `<title>Brand</title>`

\* Ganti teks Brand menjadi teks lain yang diinginkan

# FAVICON

- Masih di dalam `<head>`, tambahkan

```
<link rel="shortcut icon" type="image/png"  
href="public/images/favicon.png">
```

# STYLESHEET

- Di dalam <head>, tambahkan

```
<link rel="stylesheet" type="text/css"  
href="public/fonts/material-icons/material-icons.css">
```

```
<link rel="stylesheet" type="text/css"  
href="public/css/bootstrap.min.css">
```

```
<link rel="stylesheet" type="text/css"  
href="public/css/propeller.min.css">
```

# BODY

<!-- Header starts -->

<!-- Navbar starts -->

<!-- Navbar ends -->

<!-- Header ends -->

<!-- Content area starts -->

<!-- Content area ends -->

<!-- Footer starts -->

<!-- Footer ends -->

<!-- Scripts starts -->

<!-- Scripts ends -->

\* Tambahkan ke dalam <body>

\* Kode html akan disisipkan di area bersesuaian




NAVIGATION BAR

CAROUSEL AND CONTENT

FOOTER

SCRIPT

# NAVIGATION BAR

```
<nav class="navbar navbar-default navbar-fixed-top pmd-navbar pmd-z-depth">  
  <div class="container-fluid">  
    <div class="navbar-header">  
       NAVIGATION BAR TOGGLE AND HEADER  
    </div>  
    <div class="collapse navbar-collapse pmd-navbar-sidebar">  
      <ul class="nav navbar-nav">  
         NAVIGATION BAR MENU LEFT  
      </ul>  
      <ul class="nav navbar-nav navbar-right">  
         NAVIGATION BAR MENU RIGHT  
      </ul>  
    </div>  
  </div>  
</nav>
```



# NAVIGATION BAR TOGGLE

```
<button class="pmd-ripple-effect navbar-toggle pmd-  
navbar-toggle" type="button">  
  <span class="sr-only">Toggle navigation</span>  
  <span class="icon-bar"></span>  
  <span class="icon-bar"></span>  
  <span class="icon-bar"></span>  
</button>
```

\* Navbar-toggle berupa tombol yang menggantikan menu left dan menu right ketika ditampilkan pada layar dengan dimensi kecil

# NAVIGATION BAR HEADER

```
<div class="navbar-header">
  <a class="navbar-brand" href="index.php"
style="padding-left:0px;">
    
  </a>
  <a href="index.php" class="navbar-brand"
style="color:#FF4B00;">Brand</a>
</div>
```

\* Ganti teks Brand dengan teks lain yang diinginkan.

# NAVIGATION BAR LEFT

```
<li class="active">
  <a class="pmd-ripple-effect" href="index.php">Home</a>
</li>
<li>
  <a class="pmd-ripple-effect" href="tutorial.php">Tutorial</a>
</li>
<li>
  <a class="pmd-ripple-effect" href="references.php">References</a>
</li>
<li>
  <a class="pmd-ripple-effect" href="examples.php">Examples</a>
</li>
```

\* Setiap item menggunakan <li>, dimana item aktif memiliki class active.

# NAVIGATION BAR RIGHT

```
<li style="margin-right:10px;">
    <button class="btn pmd-btn-fab pmd-btn-flat pmd-
ripple-effect btn-sm btn-default"
onclick="javascript:window.open('search.php',
'_self')" title="Search">
        <i class="material-icons md-dark pmd-sm"
style="vertical-align:text-bottom;">search</i>
    </button>
</li>
```

# CAROUSEL

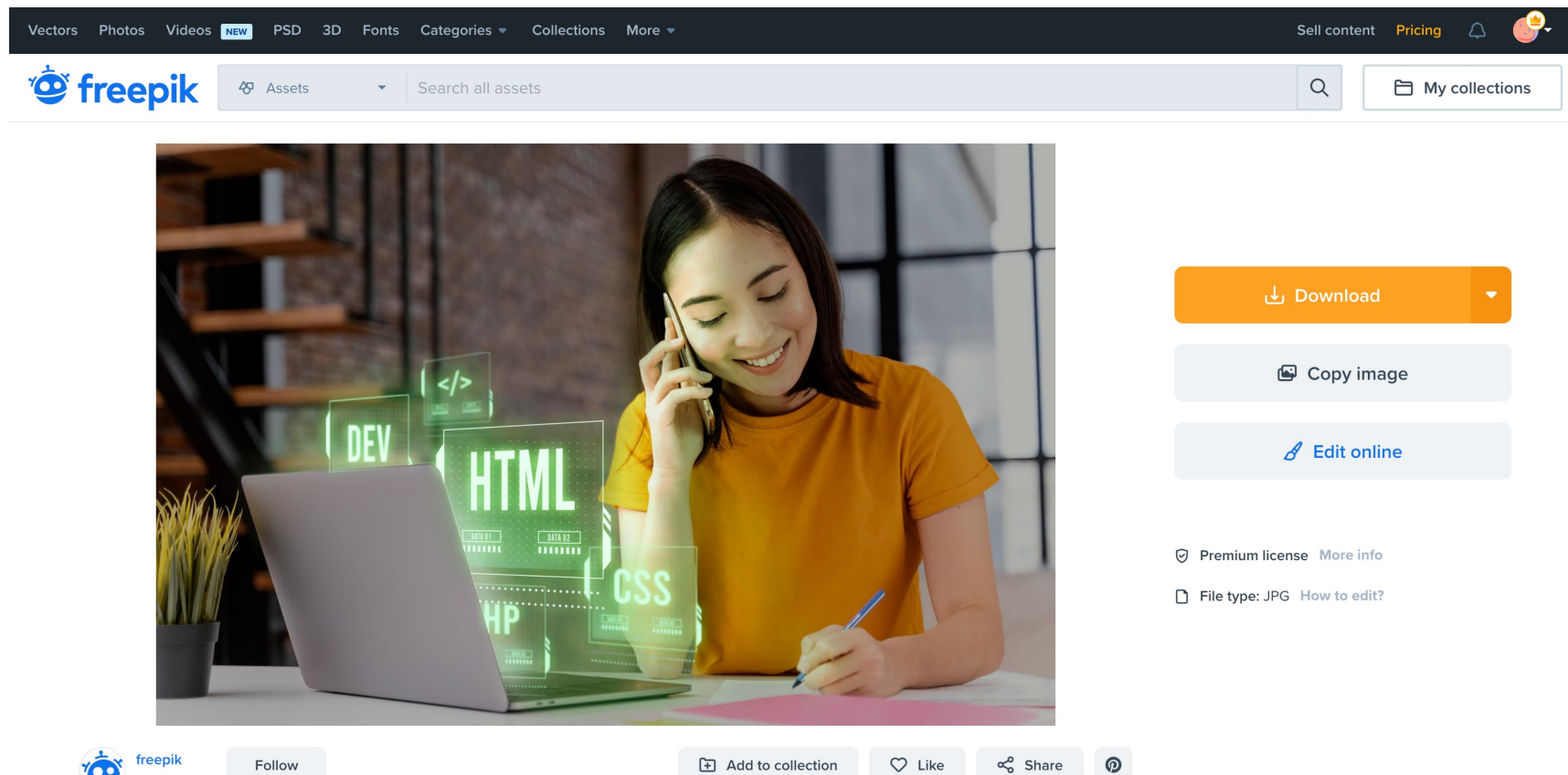
```
<div id="main-carousel" class="carousel slide" data-ride="carousel" style="margin-top:65px;">
  <div class="carousel-inner">
    <div class="item active" style="left: 0px;">
      <div style="background-
image:url(public/images/banner.jpg); height:400px; background-
size:cover; background-position: 50% 40%; background-repeat:no-
repeat;"></div>
      <div class="carousel-caption"></div>
    </div>
  </div>
</div>
```

- \* Carousel digunakan untuk menampilkan satu atau lebih gambar sebagai slideshow.
- \* File banner.jpg akan diunduh di slide berikutnya.

# FILE BANNER.JPG

- Buka <https://freepik.com>
- Cari gambar yang diinginkan

# FILE BANNER.JPG



Klik pada tombol Download

# FILE BANNER.JPG

- Rename file tersebut dengan nama banner.jpg
- Ubah dimensi lebar file menjadi 1500.
- Kopi file ke folder public/images/



# CONTENT

```
<div class="pmd-content" style="padding-bottom:74px;">
```

```
<div class="container-fluid">
```



SECTION TITLE  
BREADCRUMB  
PARAGRAPH  
CARDS

```
</div>
```

```
</div>
```

# SECTION TITLE

```
<h1 class="section-title">  
  <span>Home</span>  
</h1>
```

# BREADCRUMB

```
<ol class="breadcrumb text-left">  
  <li><a href="index.php">Home</a></li>  
  <li class="active">About</li>  
</ol>
```

## PARAGRAPH : LEAD

```
<p class="lead">Propeller is a front-end responsive  
framework based on Google's Material Design  
Standards & Bootstrap. 25 Components Available.</p>
```

# CARDS : ROW, COL-\*-\*

- Grid system menggunakan kelas row dan col-\*-\*

	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px
Max container width	None (auto)	540px	720px	960px
Class prefix	.col-xs-	.col-sm-	.col-md-	.col-lg-
# of columns	12			

- 

span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1
span 4				span 4				span 4			
span 4				span 8							
span 6						span 6					
span 12											

# CARDS : ROW, COL-\*-\*

```
<div class="row">  
  <div class="col-lg-4 col-md-4">  
    </div>  
  <div class="col-lg-4 col-md-4">  
    </div>  
  <div class="col-lg-4 col-md-4">  
    </div>  
</div>
```

CARD 1

CARD 2

CARD 3

# CARD 1, CARD 2, CARD 3

```
<div class="pmd-card pmd-z-depth">
  <div class="pmd-card-title">
    <h2 class="pmd-card-title-text typo-fill-secondary propeller-title">Card 1</h2>
  </div>
  <div class="pmd-card-media">
    
  </div>
  <div class="pmd-card-body">
    <p>A card is a flexible and extensible content container. It includes options for header
and footer, a wide variety of content, contextual background colors, and powerful display
options.</p>
    <a class="btn btn-primary pmd-ripple-effect btn-services" href="index.php">Get Started</a>
  </div>
</div>
```



# FOOTER

- Tambahkan

```
<footer style="background-color:white; border-top:solid 1px  
rgba(0, 0, 0, 0.1); padding:18px;">  
  <div class="container-fluid">  
    <div class="row">  
      <div class="col-lg-12 col-md-12 text-center">  
        Brand © <?php echo date("Y"); ?>. All Rights Reserved.  
      </div>  
    </div>  
  </div>  
</footer>
```

# SCRIPT

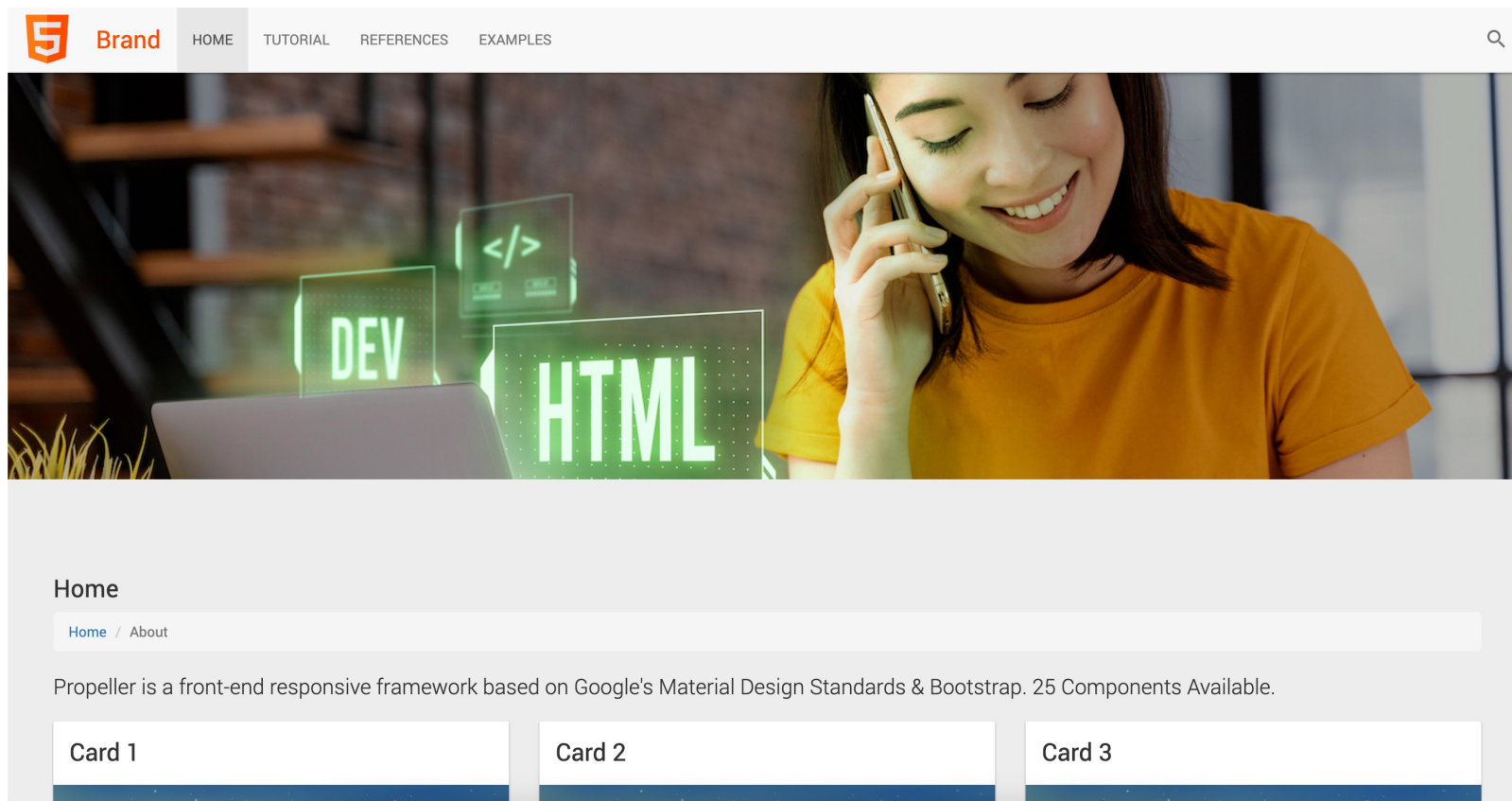
- Tambahkan

```
<script src="public/js/jquery-1.12.2.min.js"></script>
```

```
<script src="public/js/bootstrap.min.js"></script>
```

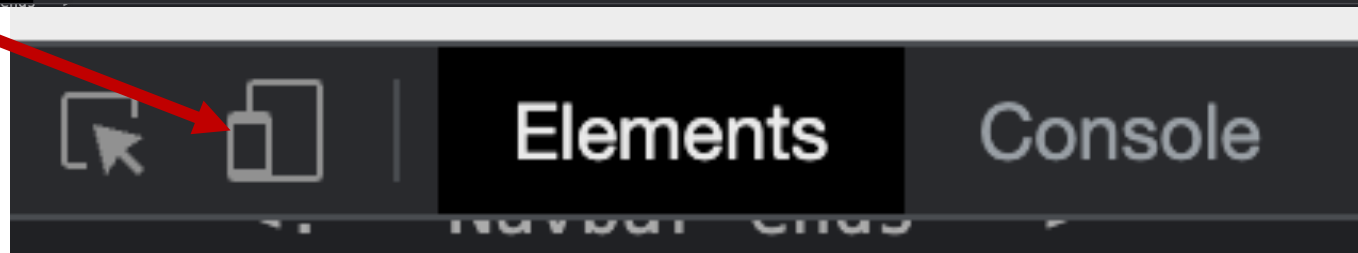
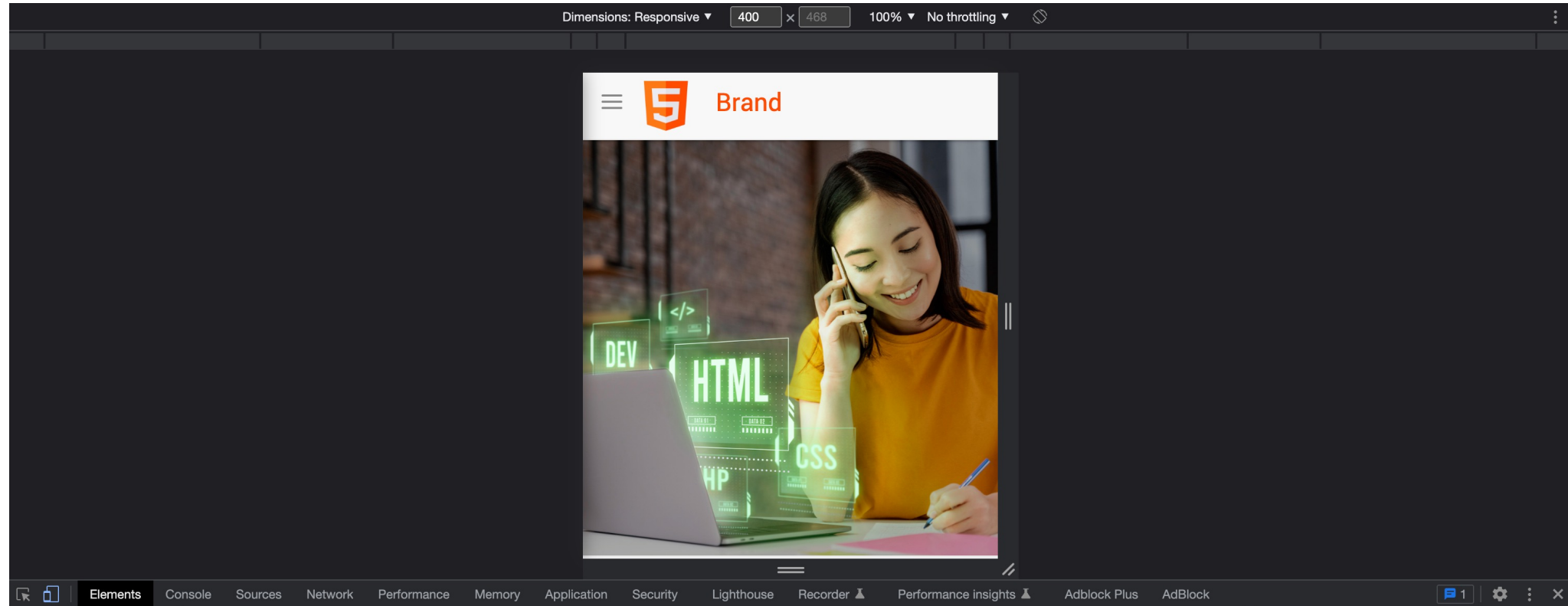
```
<script src="public/js/propeller.min.js"></script>
```

# HASILNYA



# RESPONSIVE

Buka developer tools, klik icon device



# PERTEMUAN SELANJUTNYA

# PHP

