

LAPORAN PRAKTIKUM
ALGORITMA DAN PEMROGRAMAN
“BOOTSTRAP”



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PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS ILMU KOMPUTER
UNIVERSITAS SINGAPERBANGSA KARAWANG
2021

DAFTAR ISI

DAFTAR ISI.....	i
MATERI	Error! Bookmark not defined.
TUGAS	Error! Bookmark not defined.

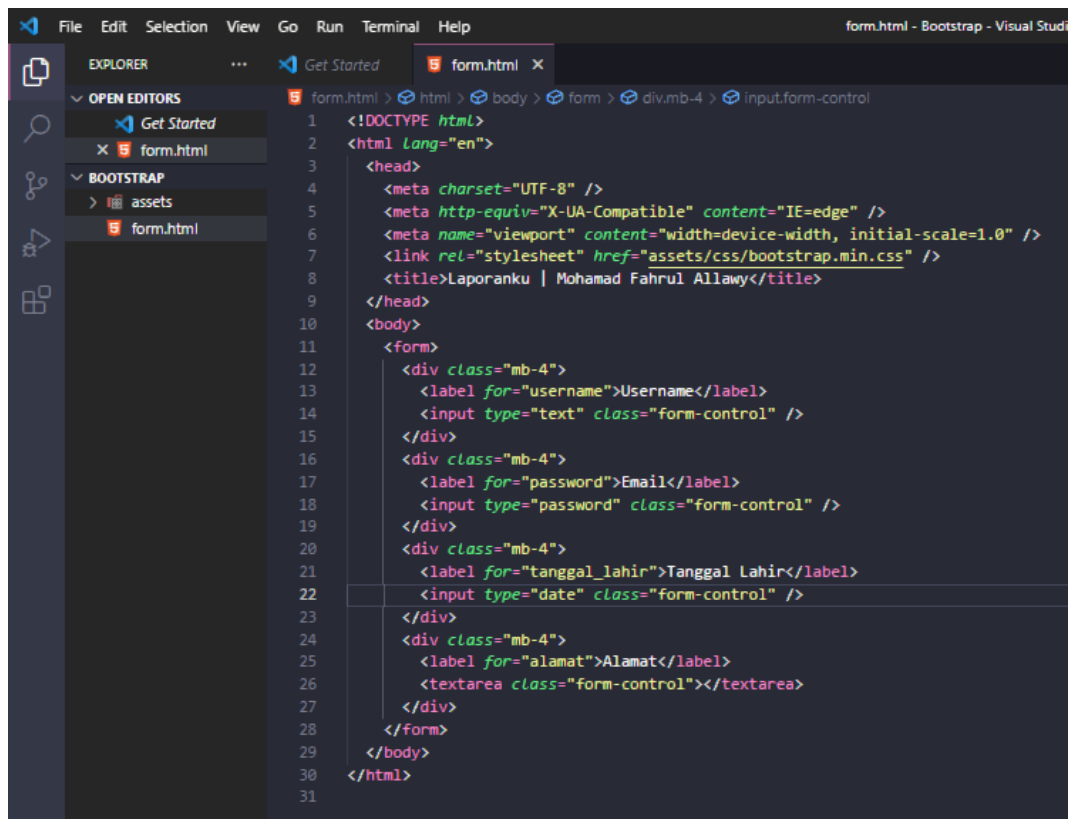
MATERI

1. Form

a. Form Control

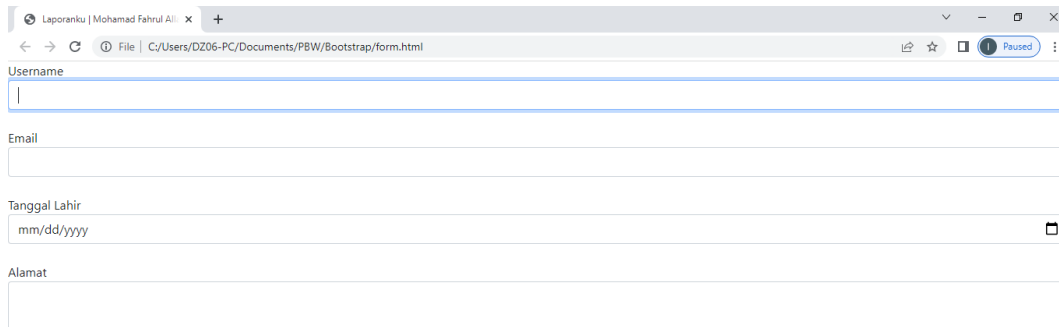
Bootstrap telah menyediakan class `.form-control` untuk membuat tampilan form menjadi lebih menarik.

Code :



```
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, initial-scale=1.0' />
7 <link rel='stylesheet' href='assets/css/bootstrap.min.css' />
8 <title>Laporanku | Mohamad Fahrul Allawy</title>
9 </head>
10 <body>
11 <form>
12 <div class='mb-4'>
13 <label for='username'>Username</label>
14 <input type='text' class='form-control' />
15 </div>
16 <div class='mb-4'>
17 <label for='password'>Email</label>
18 <input type='password' class='form-control' />
19 </div>
20 <div class='mb-4'>
21 <label for='tanggal_lahir'>Tanggal Lahir</label>
22 <input type='date' class='form-control' />
23 </div>
24 <div class='mb-4'>
25 <label for='alamat'>Alamat</label>
26 <textarea class='form-control'></textarea>
27 </div>
28 </form>
29 </body>
30 </html>
31
```

Run :

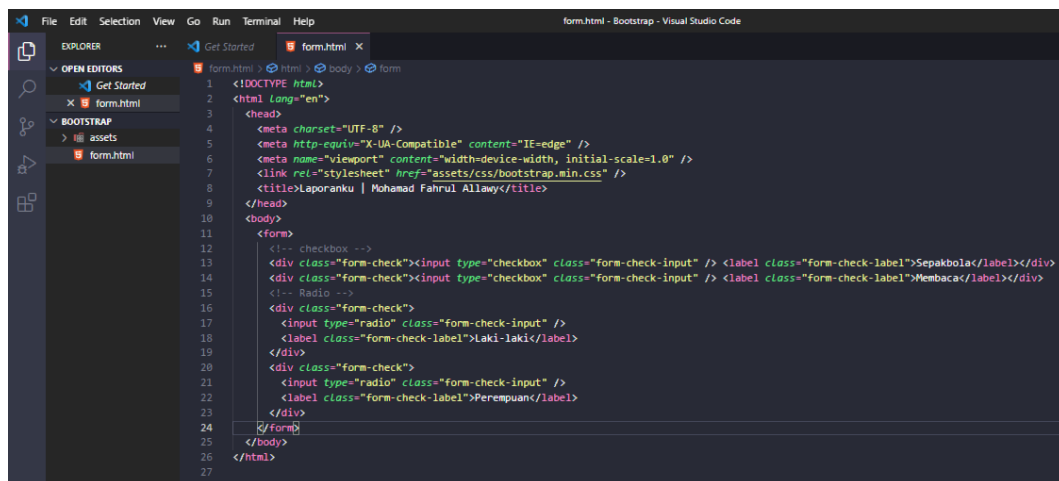


A screenshot of a web browser displaying a form. The browser's address bar shows the file path: C:/Users/DZ06-PC/Documents/PBW/Bootstrap/form.html. The form contains four input fields: 'Username' (a text input), 'Email' (a text input), 'Tanggal Lahir' (a date input with a placeholder 'mm/dd/yyyy' and a calendar icon), and 'Alamat' (a text input).

b. Form Checkbox dan Radio

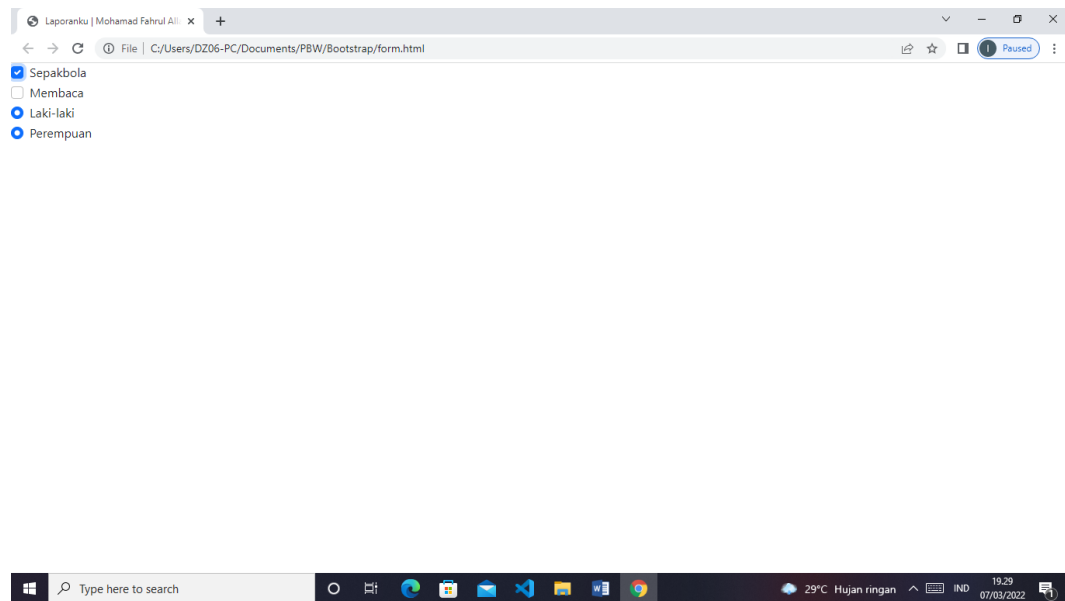
Untuk membuat tampilan checkbox dan radio lebih menarik maka gunakan class `.form-check-input` untuk tag dan class `.form-check-label` untuk label

Code :



```
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, initial-scale=1.0" />
7     <link rel="stylesheet" href="assets/css/bootstrap.min.css" />
8     <title>Laporanku | Mohamad Fahrul Allawy</title>
9   </head>
10  <body>
11    <form>
12      <!-- checkbox -->
13      <div class="form-check"><input type="checkbox" class="form-check-input" /> <label class="form-check-label">Sepakbola</label></div>
14      <div class="form-check"><input type="checkbox" class="form-check-input" /> <label class="form-check-label">Membaca</label></div>
15      <!-- Radio -->
16      <div class="form-check">
17        <input type="radio" class="form-check-input" />
18        <label class="form-check-label">Laki-laki</label>
19      </div>
20      <div class="form-check">
21        <input type="radio" class="form-check-input" />
22        <label class="form-check-label">Perempuan</label>
23      </div>
24    </form>
25  </body>
26 </html>
```

Run :



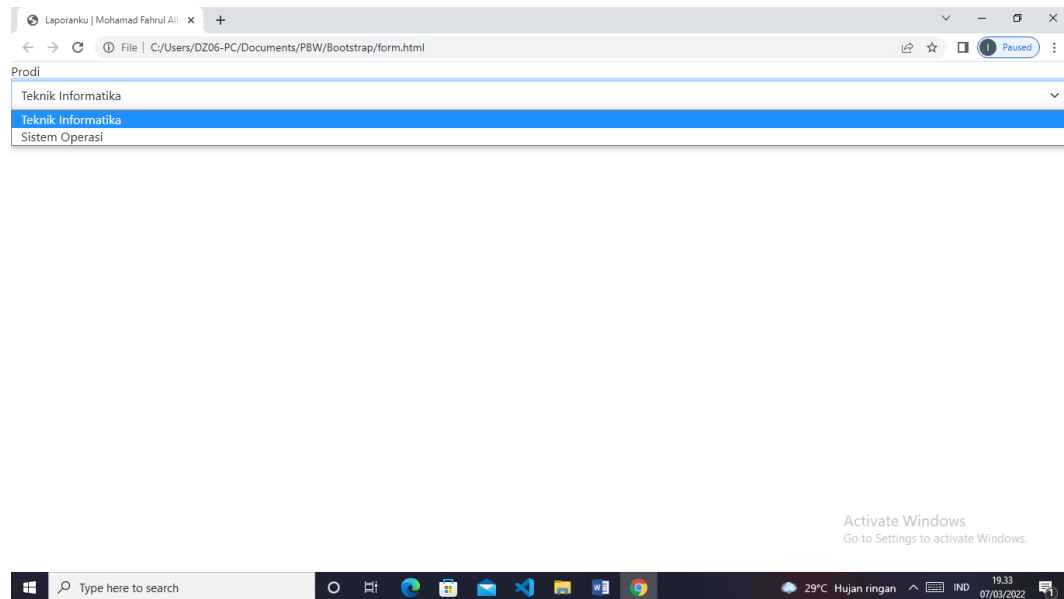
c. Form Select

Untuk merubah tampilan select bootstrap telah menyediakan class .form-select yang bisa kita gunakan

Code :

```
File Edit Selection View Go Run Terminal Help form.html - Bootstrap - Visual Studio Code
EXPLORER
  OPEN EDITORS
    Get Started
    form.html
  BOOTSTRAP
    assets
    form.html
form.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, initial-scale=1.0" />
7   <link rel="stylesheet" href="assets/css/bootstrap.min.css" />
8   <title>Laporanku | Mohamad Fahrul Allawy</title>
9 </head>
10 <body>
11   <div class="mb-4">
12     <label>Prodi</label>
13     <select class="form-select">
14       <option value="Teknik Informatika">Teknik Informatika</option>
15       <option value="Sistem Operasi">Sistem Operasi</option>
16     </select>
17   </div>
18 </body>
19 </html>
20
```

Run :



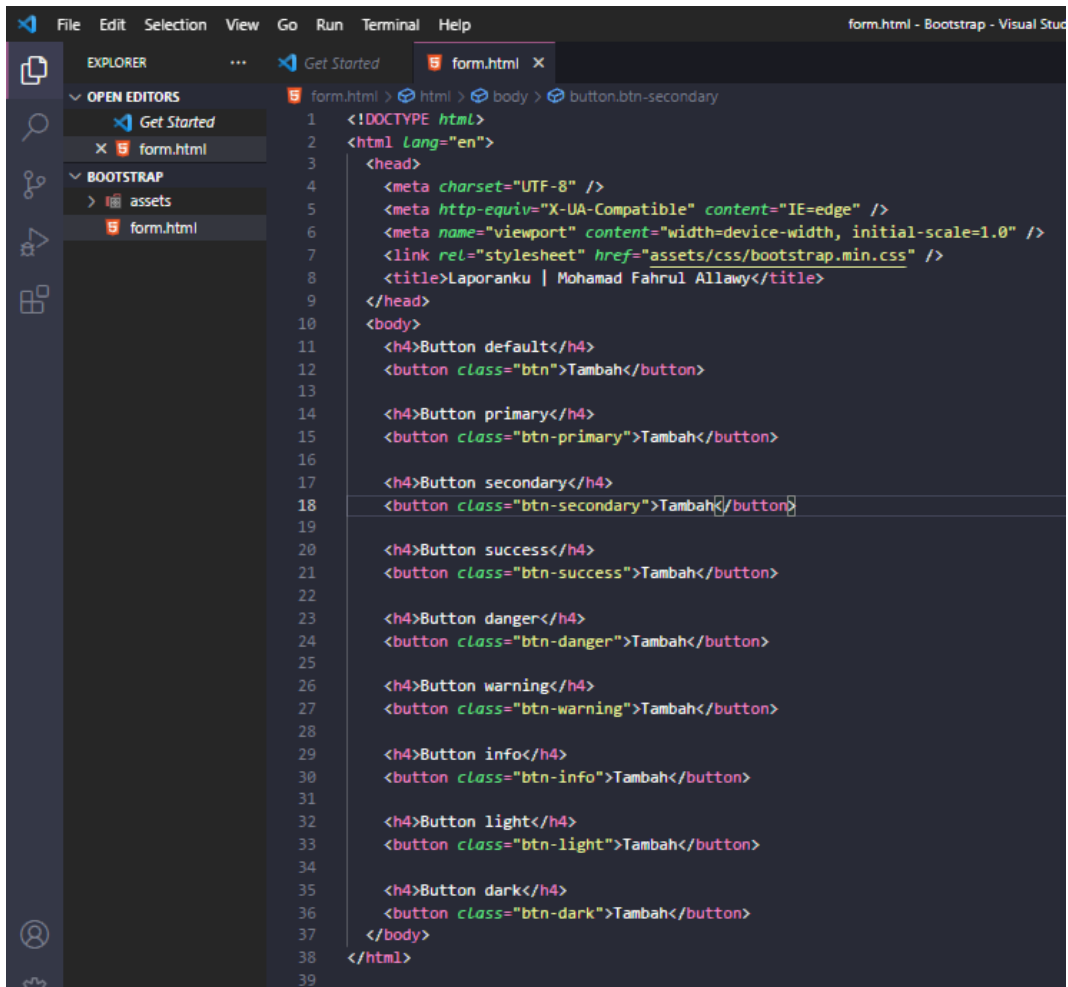
2. Components

a. Button Color

Ketika kita hanya menggunakan class `.btn` maka button yang kita buat secara default akan berwarna putih. Untuk mengatasi permasalahan tersebut bootstrap sudah menyediakan class untuk mengatur warna button, terdapat 8 class yang bisa kita gunakan yaitu:

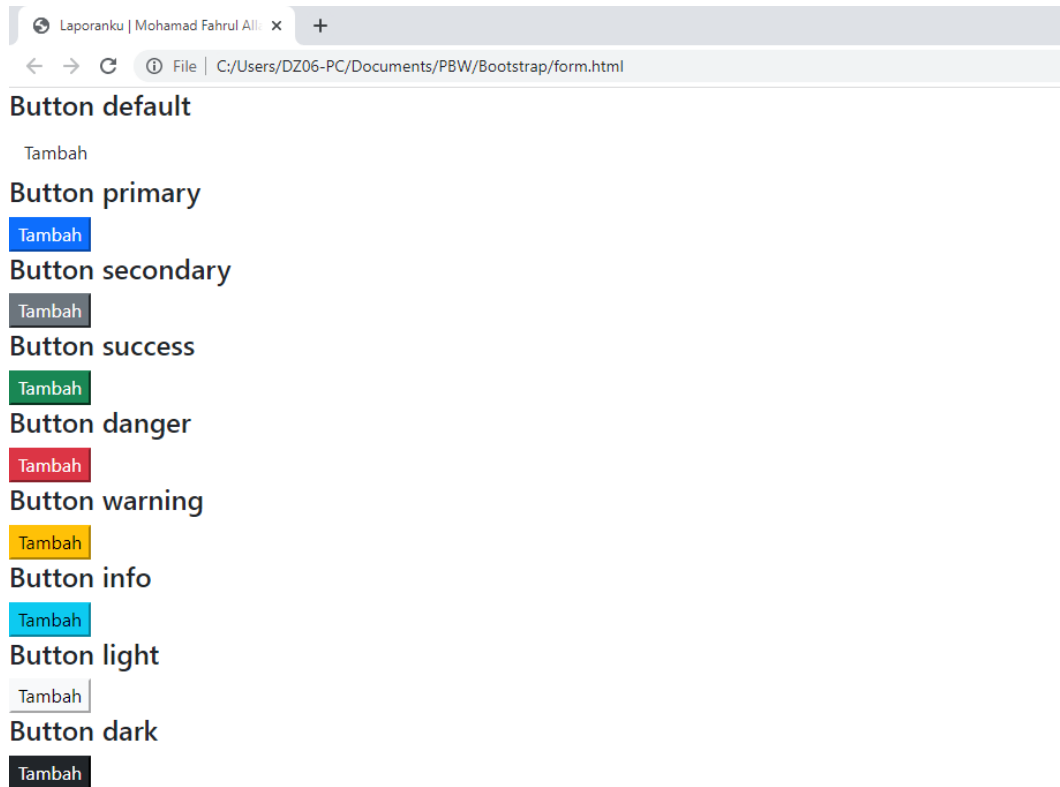
1. `.btn-primary`
2. `.btn-secondary`
3. `.btn-success`
4. `.btn-danger`
5. `.btn-warning`
6. `.btn-info`
7. `.btn-light`
8. `.btn-dark`

Code :



```
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, initial-scale=1.0" />
7     <link rel="stylesheet" href="assets/css/bootstrap.min.css" />
8     <title>Laporanku | Mohamad Fahrul Allawy</title>
9   </head>
10  <body>
11    <h4>Button default</h4>
12    <button class="btn">Tambah</button>
13
14    <h4>Button primary</h4>
15    <button class="btn-primary">Tambah</button>
16
17    <h4>Button secondary</h4>
18    <button class="btn-secondary">Tambah</button>
19
20    <h4>Button success</h4>
21    <button class="btn-success">Tambah</button>
22
23    <h4>Button danger</h4>
24    <button class="btn-danger">Tambah</button>
25
26    <h4>Button warning</h4>
27    <button class="btn-warning">Tambah</button>
28
29    <h4>Button info</h4>
30    <button class="btn-info">Tambah</button>
31
32    <h4>Button light</h4>
33    <button class="btn-light">Tambah</button>
34
35    <h4>Button dark</h4>
36    <button class="btn-dark">Tambah</button>
37  </body>
38 </html>
```

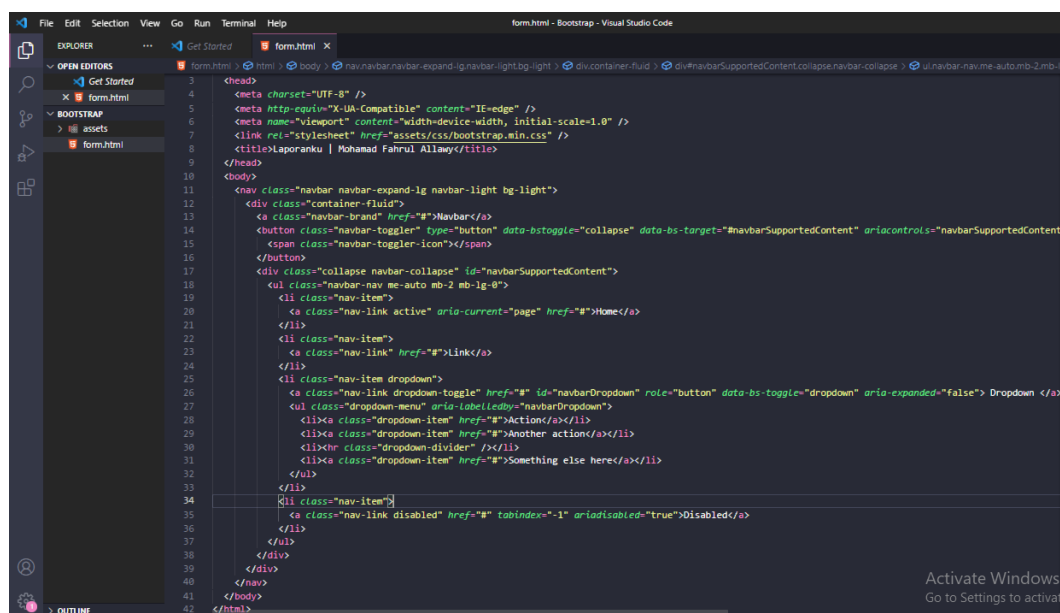
Run :



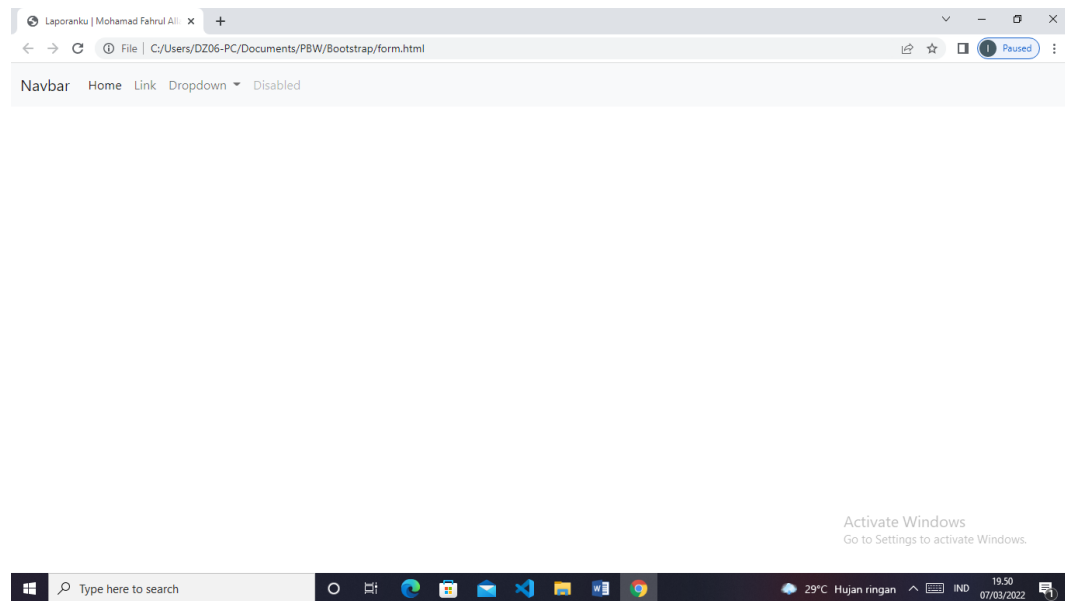
b. Navbar

Bootstrap memudahkan kita untuk membuat menu navigasi. Berikut contoh navbar dengan bootstrap:

Code :



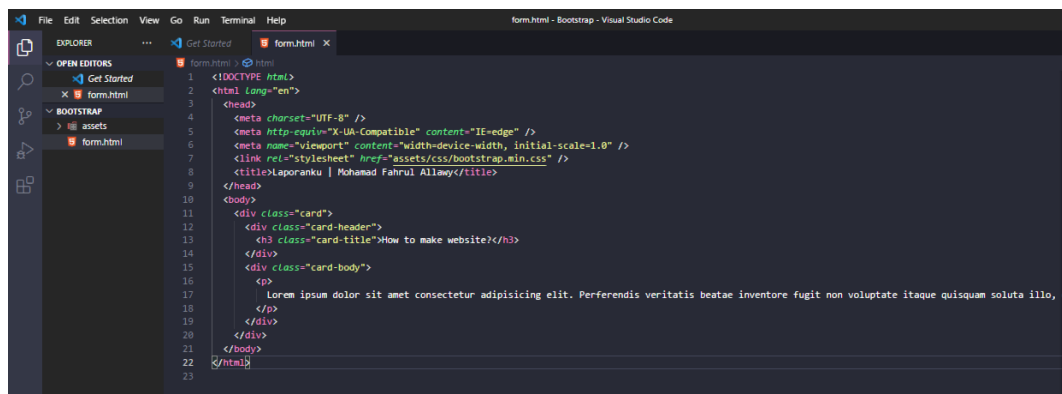
Run :



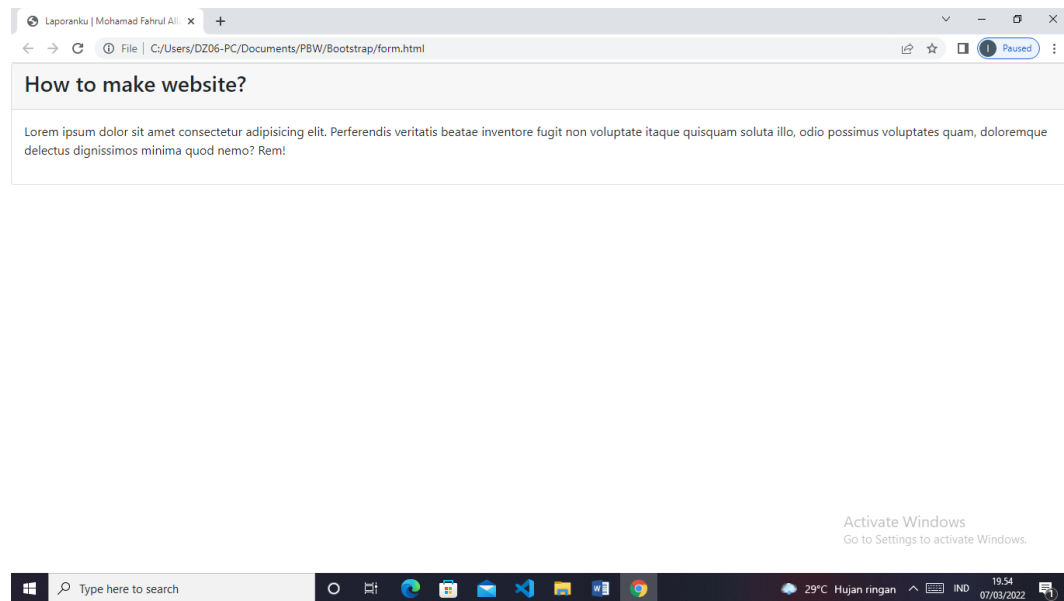
c. Card

Card merupakan komponen bootstrap untuk membuat berbagai fitur tampilan. Berikut cara membuat card di bootstrap

Code :



Run :



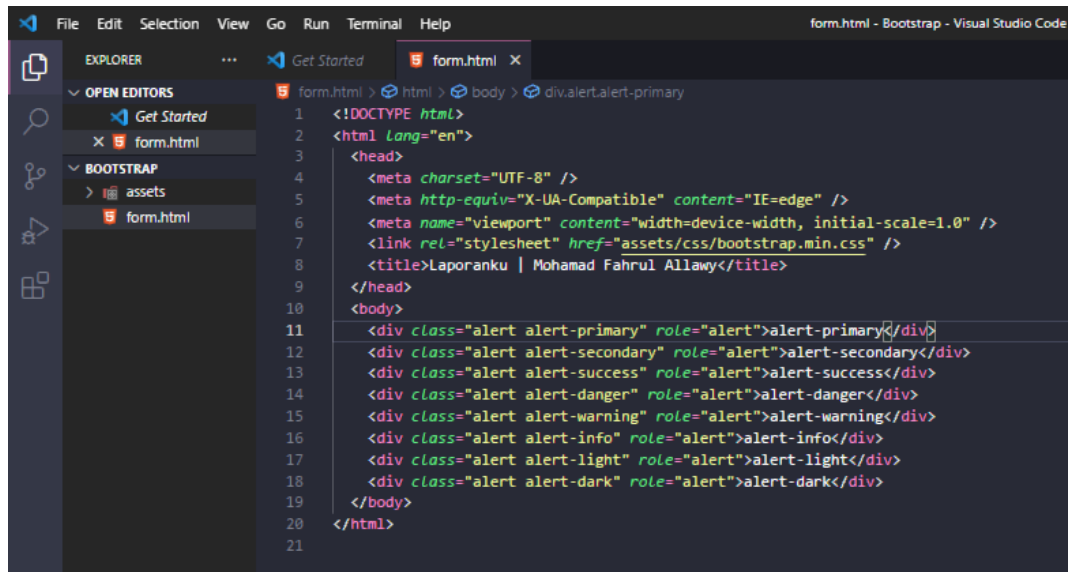
d. Alert

Alert merupakan komponen yang disediakan oleh bootstrap untuk menampilkan peringatan atau pemberitahuan. Untuk membuat alert kita bisa menggunakan class `.alert`. Selain itu bootstrap juga sudah menyediakan background color untuk alert.

Terdapat 8 class yang bisa kita gunakan yaitu:

1. `.alert-primary`
2. `.alert-secondary`
3. `.alert-success`
4. `.alert-danger`
5. `.alert-warning`
6. `.alert-info`
7. `.alert-light`
8. `.alert-dark`

Code :



```
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, initial-scale=1.0" />
7     <link rel="stylesheet" href="assets/css/bootstrap.min.css" />
8     <title>Laporanku | Mohamad Fahrul Allawy</title>
9   </head>
10  <body>
11    <div class="alert alert-primary" role="alert">alert-primary</div>
12    <div class="alert alert-secondary" role="alert">alert-secondary</div>
13    <div class="alert alert-success" role="alert">alert-success</div>
14    <div class="alert alert-danger" role="alert">alert-danger</div>
15    <div class="alert alert-warning" role="alert">alert-warning</div>
16    <div class="alert alert-info" role="alert">alert-info</div>
17    <div class="alert alert-light" role="alert">alert-light</div>
18    <div class="alert alert-dark" role="alert">alert-dark</div>
19  </body>
20 </html>
21
```

Run :

