

Tutorial latihan Quiz untuk Praktek Web 3

1. Buat Folder di mana saja untuk memudahkan mengerjakan quiznya , lalu pindah ke folder yg telah di buat

```
C:\Users\Dramdani>D:
D:\>md ./dani-quiz
The syntax of the command is incorrect.
D:\>md dani-quiz
D:\>cd dani-quiz
```

2. Lakukan npm init dan entry point isi dengan app.js

```
D:\dani-quiz>npm init
This utility will walk you through creating a package.json file.
It only covers the most common items, and tries to guess sensible defaults.

See `npm help json` for definitive documentation on these fields
and exactly what they do.

Use `npm install <pkg>` afterwards to install a package and
save it as a dependency in the package.json file.

Press ^C at any time to quit.
package name: (dani-quiz)
version: (1.0.0)
description: quiz
entry point: (index.js) app.js
test command:
git repository:
keywords:
author: Dani Ramdani 3IFP-02
license: (ISC)
```

3. Lalu npm install nodemon express ejs

```
D:\dani-quiz>npm install express ejs nodemon
> nodemon@1.18.11 postinstall D:\dani-quiz\node_modules\nodemon
> node bin/postinstall || exit 0

Love nodemon? You can now support the project via the open collective:
  > https://opencollective.com/nodemon/donate

npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN dani-quiz@1.0.0 No repository field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.8 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.8: wanted {"os":"darwin","arch":"a
"} (current: {"os":"win32","arch":"x64"})

+ ejs@2.6.1
+ express@4.16.4
+ nodemon@1.18.11
added 266 packages from 162 contributors and audited 2358 packages in 95.678s
found 0 vulnerabilities
```

4. Edit terlebih dahulu package.json yang ada di direktori folder yg kita sudah npm init

node_modules	4/24/2019 9:18 AM	File folder	
package.json	4/24/2019 9:18 AM	JSON File	1 KB
package-lock.json	4/24/2019 9:18 AM	JSON File	88 KB

Edit seperti di bawah ini, jng lupa tambahkan koma

```
{
  "name": "dani-quiz",
  "version": "1.0.0",
  "description": "quiz",
  "main": "app.js",
  "scripts": {
    "start": "nodemon app.js",
    "test": "echo \\\"Error: no test specified\\\" && exit 1"
  },
  "author": "Dani Ramdani 3IFP-02",
  "license": "ISC",
  "dependencies": {
    "ejs": "^2.6.1",
    "express": "^4.16.4",
    "nodemon": "^1.18.11"
  }
}
```

5. Buat app.js di direktori folder kita

node_modules	4/24/2019 9:18 AM	File folder	
app	4/24/2019 9:28 AM	JS File	1 KB
package.json	4/24/2019 9:25 AM	JSON File	1 KB
package-lock.json	4/24/2019 9:18 AM	JSON File	88 KB

6. Edit App.js seperti berikut, untuk sementara kita buat dulu fungsi route di app.js kita dengan menggunakan express. Seperti berikut

```
const express = require('express');
const path = require('path');

const app = express();

app.get('/', (req, res) => {
  res.send('index page');
});

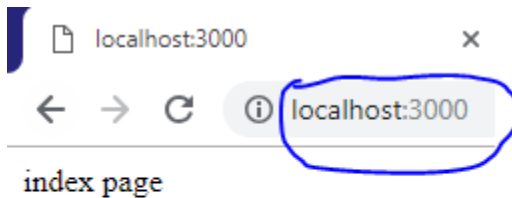
app.listen(3000, ()=>{
  console.log('server started');
});
```

7. Lalu di cmd ketikan npm start

```
> dani-quiz@1.0.0 start D:\dani-quiz
> nodemon app.js

[nodemon] 1.18.11
[nodemon] to restart at any time, enter `rs`
[nodemon] watching: *.*
[nodemon] starting `node app.js`
server started
```

8. Buka browser dengan mengetik localhost:3000, maka tampilan akan sebagai berikut



Sampai di sini kita sudah berhasil menggunakan fungsi route di framework express, selamat omedetou 😊, kalau gak jalan jangan baper rusak aja PC nya wkwk. Berarti kalau gk jalan masih ada step yang terlewat. Selanjutnya kita akan menggunakan fungsi view si express js kita

9. Untuk menggunakan fungsi views di node js kita buat direktori sebagai berikut, Buat folder views dan public di direktori folder kita, awas typo ya nama foldernya

node_modules	4/23/2019 4:27 PM	File folder	
public	4/23/2019 4:27 PM	File folder	
views	4/23/2019 4:27 PM	File folder	
app	4/18/2019 8:30 PM	JS File	1 KB
package.json	4/18/2019 7:57 PM	JSON File	1 KB
package-lock.json	4/18/2019 7:56 PM	JSON File	88 KB

10. Di folder views kita buat direktori folder partials dan index.ejs

dani-quiz > views

Name	Date modified	Type	Size
partials	4/24/2019 9:38 AM	File folder	
index.ejs	4/18/2019 8:32 PM	EJS File	1 KB

11. Edit index.ejs

```
<% include partials/header %>
```

```
<h1><%=name%></h1>
```

```
<% include partials/footer %>
```

12. Lalu di folder partials kita buat header.ejs dan footer.ejs

dani-quiz > views > partials

Name
footer.ejs
header.ejs

13. Footer dan header untuk sementara kita isi dulu bebas contohnya seperti ini

This is footer

thi is heaader

14. Edit app.js seperti berikut perhatikan point yang di lingkari, yang di lingkari adalah yang kita harus edit dan tambahkan di app.js

```
const express = require('express');
const path = require('path');

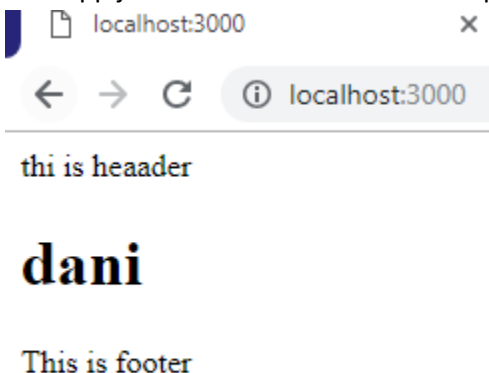
const app = express();

app.set('view engine', 'ejs');
app.use('/static', express.static(path.join(__dirname, 'public')))

app.get('/', (req, res) => {
  res.render('index', {name: "dani"});
});

app.listen(3000, ()=>{
  console.log('server started');
});
```

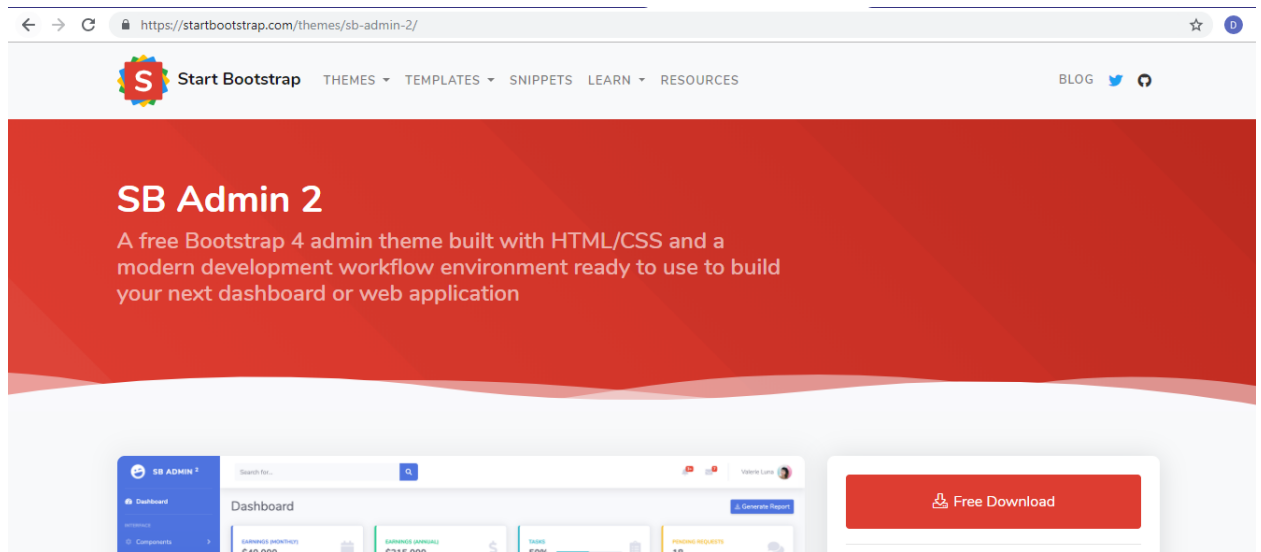
15. save app.js dan buka browser maka tampilan akan sebagai berikut



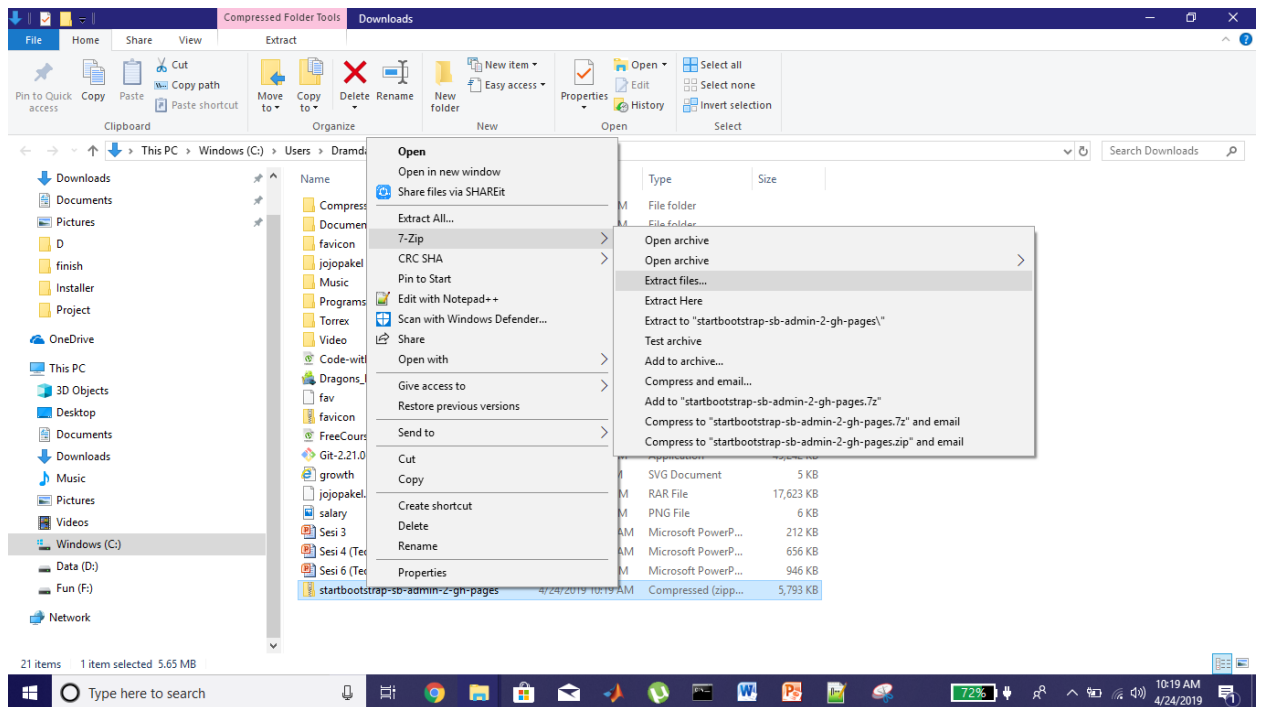
Sampai di sini kita sudah berhasil menggunakan fungsi views di framework express, selamat omedetou 😊 love you. Lalu selanjutnya kita akan menggunakan framework untuk mempercantik tampilan web

kita. Framework yg kita gunakan adalah sb admin2, tetapi di kuis framework yg di gunakan akan berbeda. Tetapi mungkin tidak jauh berbeda penggunaanya atau penerapannya. Bawa santai aja yaaa.

16. Untuk menggunakan framework sb admin2 kita download terlebih dahulu frameworknya



17. Setelah di dwonload extrac dwonloadan yg kita dwonload



18. Masuk ke directory folder yg sudah di extract copy folder yng di select ke direktori folder publik project node js kita

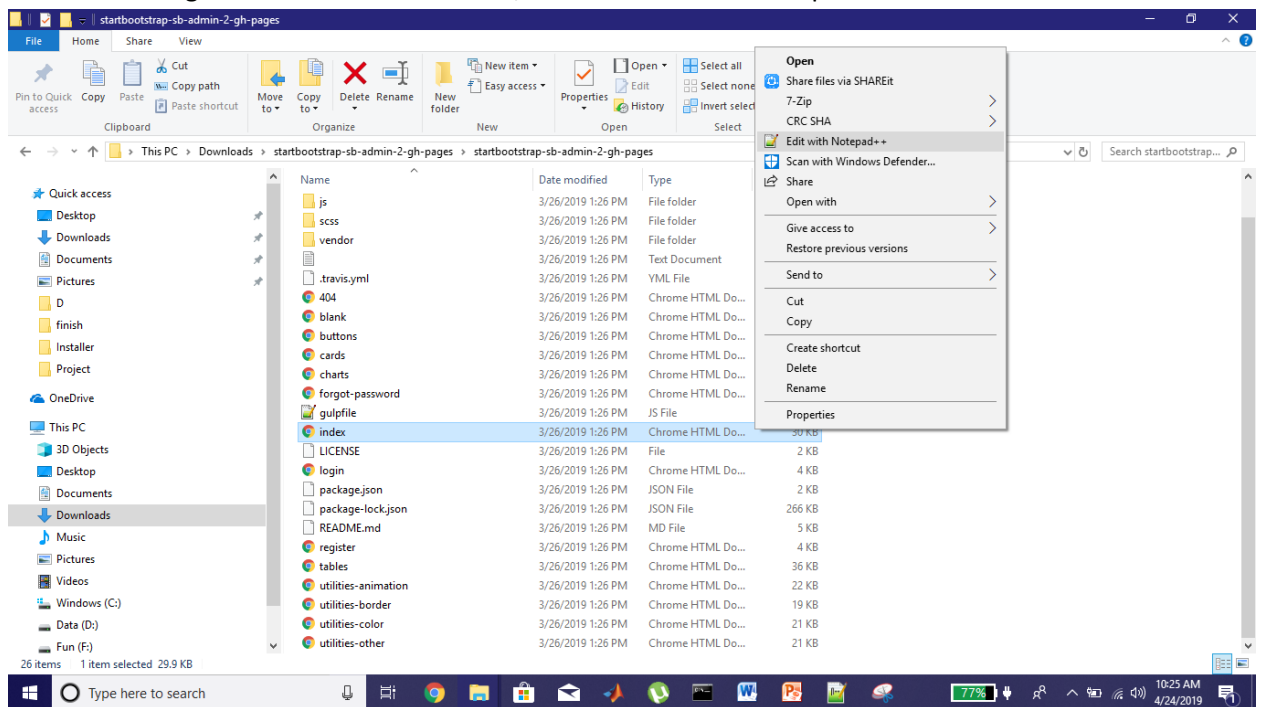
startbootstrap-sb-admin-2-gh-pages > startbootstrap-sb-admin-2-gh-pages

Name	Date modified	Type	Size
css	3/26/2019 1:26 PM	File folder	
img	3/26/2019 1:26 PM	File folder	
js	3/26/2019 1:26 PM	File folder	
scss	3/26/2019 1:26 PM	File folder	
vendor	3/26/2019 1:26 PM	File folder	
	3/26/2019 1:26 PM	Text Document	1 KB
.travis.yml	3/26/2019 1:26 PM	YML File	1 KB
404	3/26/2019 1:26 PM	Chrome HTML Do...	17 KB
blank	3/26/2019 1:26 PM	Chrome HTML Do...	17 KB
buttons	3/26/2019 1:26 PM	Chrome HTML Do...	25 KB
cards	3/26/2019 1:26 PM	Chrome HTML Do...	24 KB
charts	3/26/2019 1:26 PM	Chrome HTML Do...	20 KB
forgot-password	3/26/2019 1:26 PM	Chrome HTML Do...	3 KB
gulpfile	3/26/2019 1:26 PM	JS File	4 KB
index	3/26/2019 1:26 PM	Chrome HTML Do...	30 KB
LICENSE	3/26/2019 1:26 PM	File	2 KB
login	3/26/2019 1:26 PM	Chrome HTML Do...	4 KB
package.json	3/26/2019 1:26 PM	JSON File	2 KB
package-lock.json	3/26/2019 1:26 PM	JSON File	266 KB
README.md	3/26/2019 1:26 PM	MD File	5 KB
register	3/26/2019 1:26 PM	Chrome HTML Do...	4 KB
tables	3/26/2019 1:26 PM	Chrome HTML Do...	36 KB
utilities-animation	3/26/2019 1:26 PM	Chrome HTML Do...	22 KB
utilities-border	3/26/2019 1:26 PM	Chrome HTML Do...	19 KB

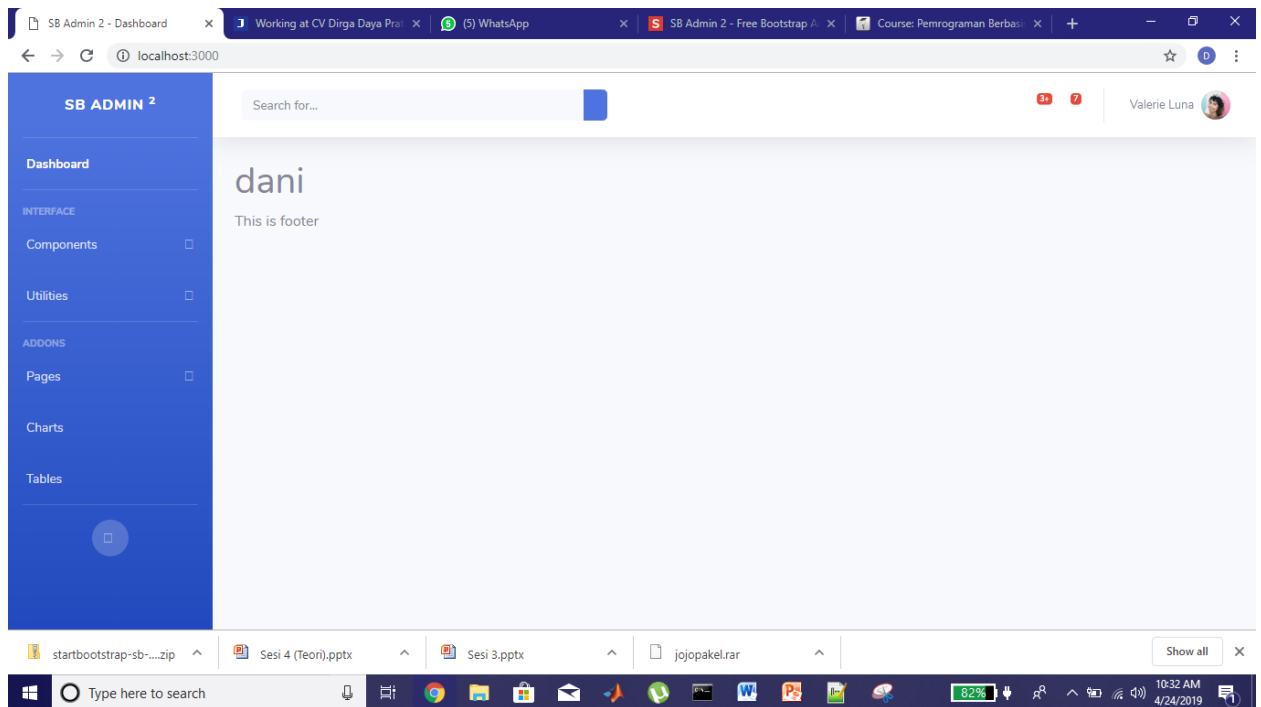
dani-quizz public

Name	Date modified	Type
css	4/24/2019 10:22 AM	File folder
img	4/24/2019 10:22 AM	File folder
js	4/24/2019 10:22 AM	File folder
vendor	4/24/2019 10:22 AM	File folder

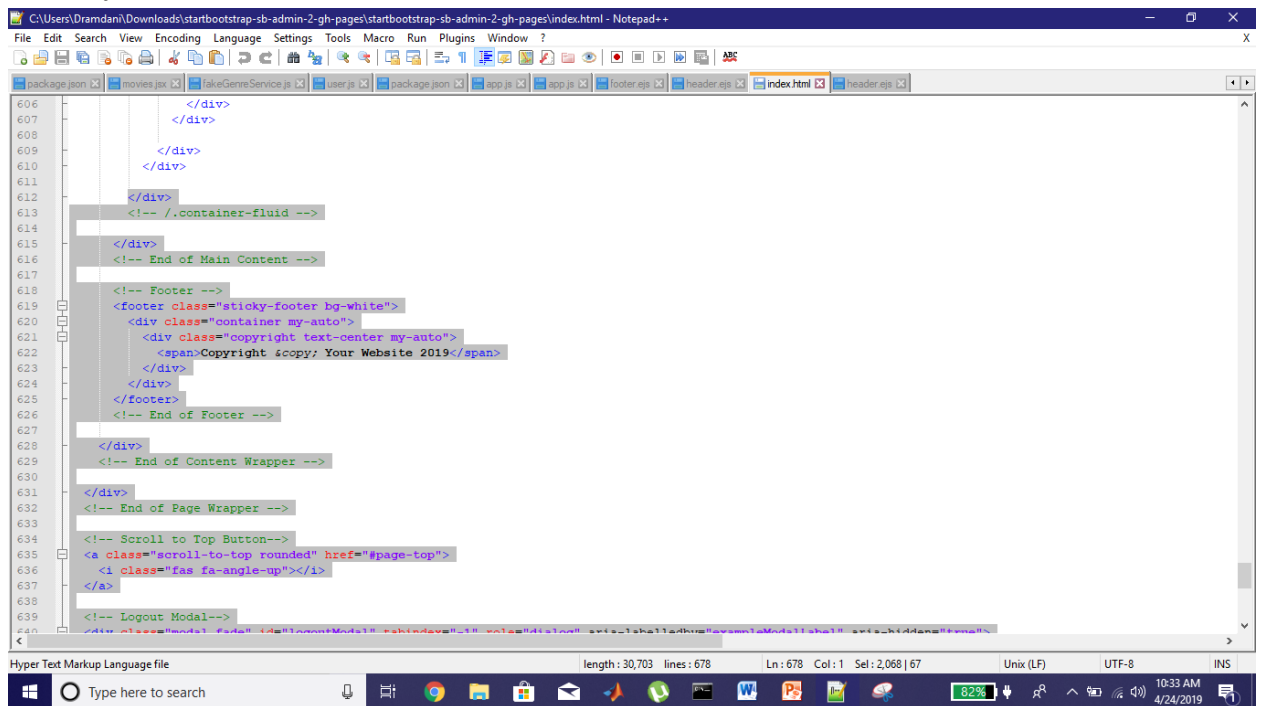
19. Lalu kembali lagi ke framework sb admin 2, buka index.html di notepad



Copy dari awal page sampai line 332 untuk header.ejs kita



21. Untuk footer masih same stepnya dari line 612 di index.html framework sb admin2 copy ke footer.ejs



22. Lalu tambahkan /static/ di setiap src yg di butuhkan

```

<!-- Bootstrap core JavaScript-->
<script src="/static/vendor/jquery/jquery.min.js"></script>
<script src="/static/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<!-- Core plugin JavaScript-->
<script src="/static/vendor/jquery-easing/jquery.easing.min.js"></script>

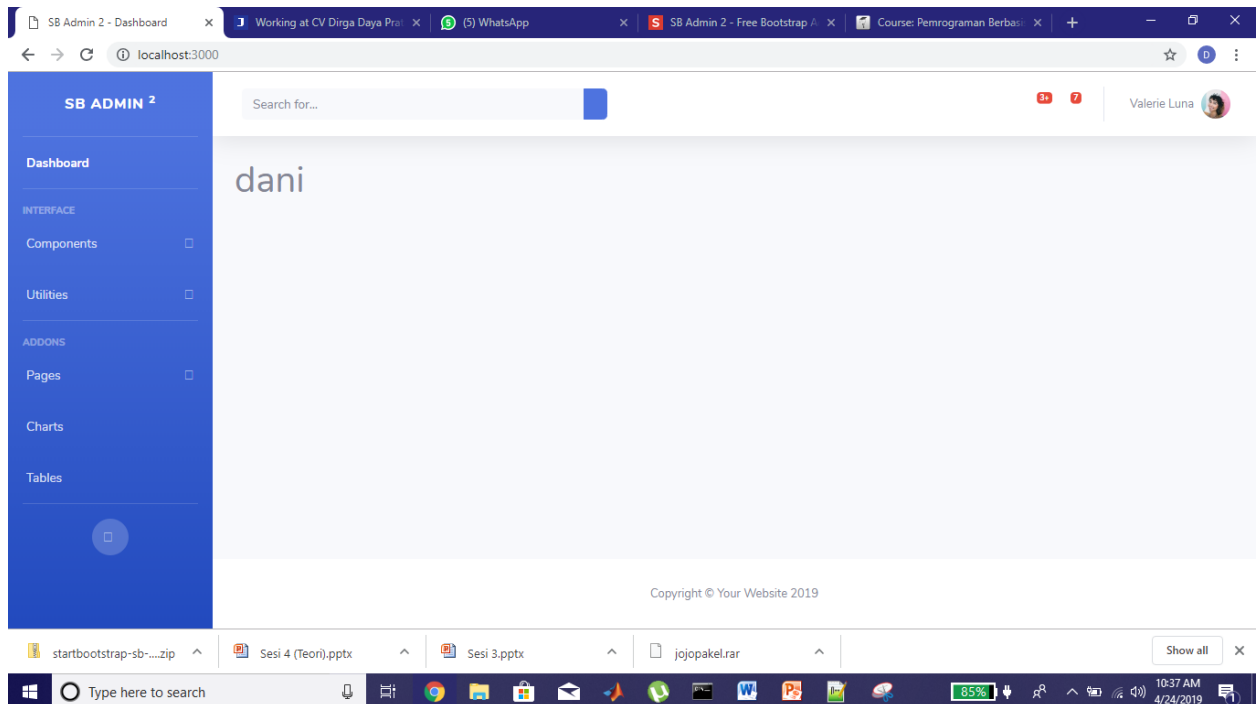
<!-- Custom scripts for all pages-->
<script src="/static/js/sb-admin-2.min.js"></script>

<!-- Page level plugins -->
<script src="/static/vendor/chart.js/Chart.min.js"></script>

<!-- Page level custom scripts -->
<script src="/static/js/demo/chart-area-demo.js"></script>
<script src="/static/js/demo/chart-pie-demo.js"></script>

```

23. Simpan footer lalu refresh browser maka tampilan akan sebagai berikut



**Done Selamat mencoba, tutorial ini jangan di
jadikan contekan buat nanti quiz yaa**