

LAPORAN TUGAS BESAR DESAIN WEB PRAKTIK INSTALASI FRAMEWORK

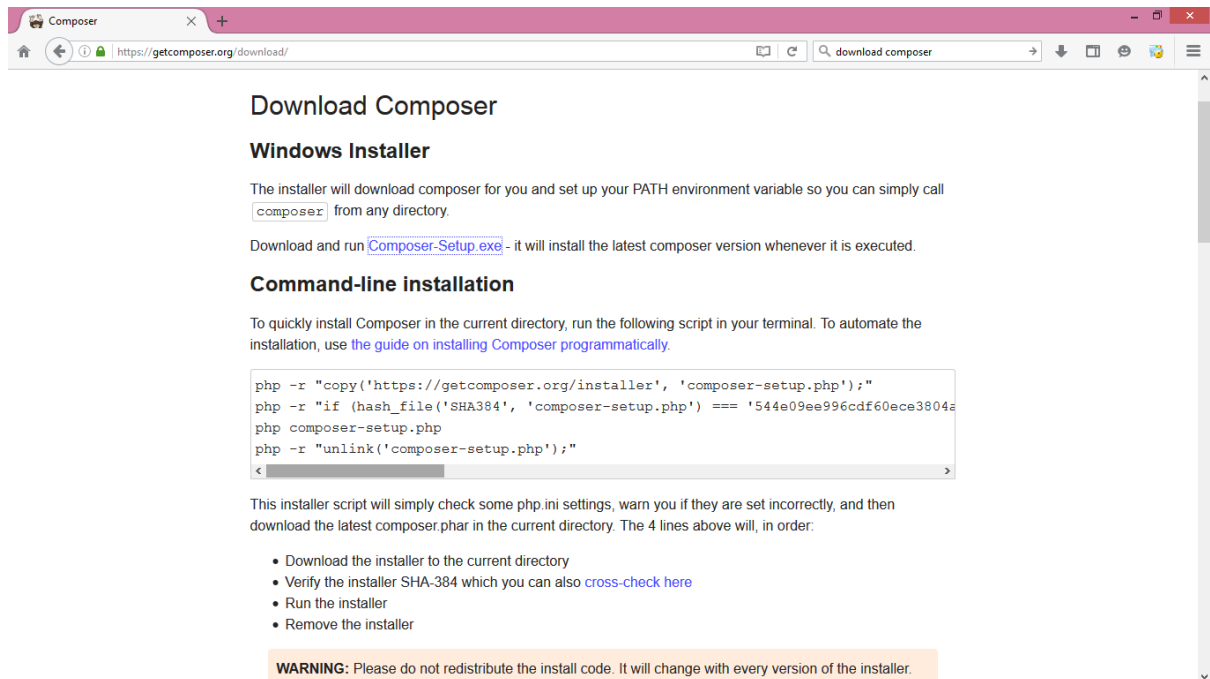


AGUNG RIANA PUTRA
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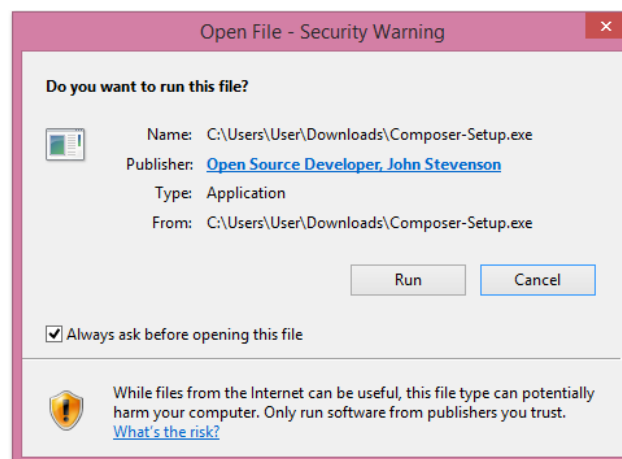
**UNIVERSITAS TEKNOLOGI YOGYAKARTA
FAKULTAS TEKNOLOGI INFORMASI DAN ELEKTRO
2018**

A. Instalasi Framework Bootstrap dan Metro UI Menggunakan Composer.

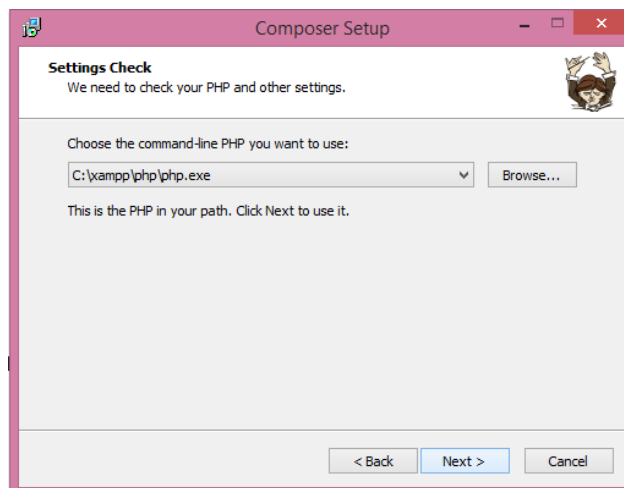
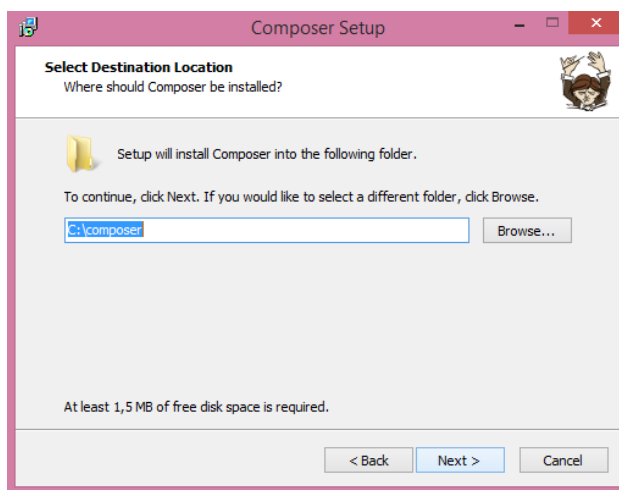
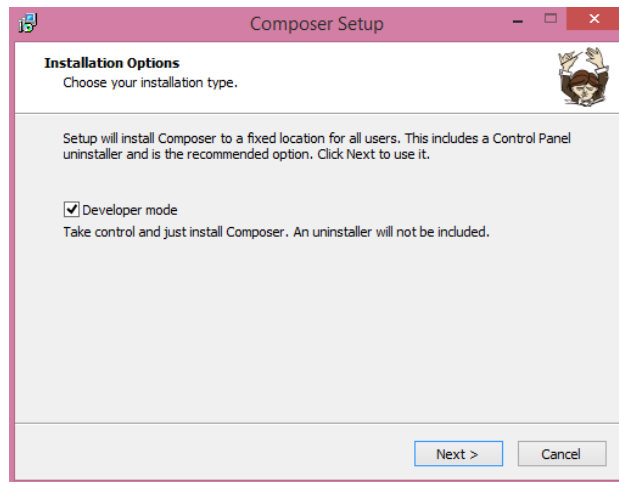
1. Pertama berdoa terlebih dahulu ya, agar di beri kelancaran dan di ridho oleh tuhan yang maha esa.
2. Kemudian download composer terlebih dahulu. Kunjungi situs <https://getcomposer.org/> .

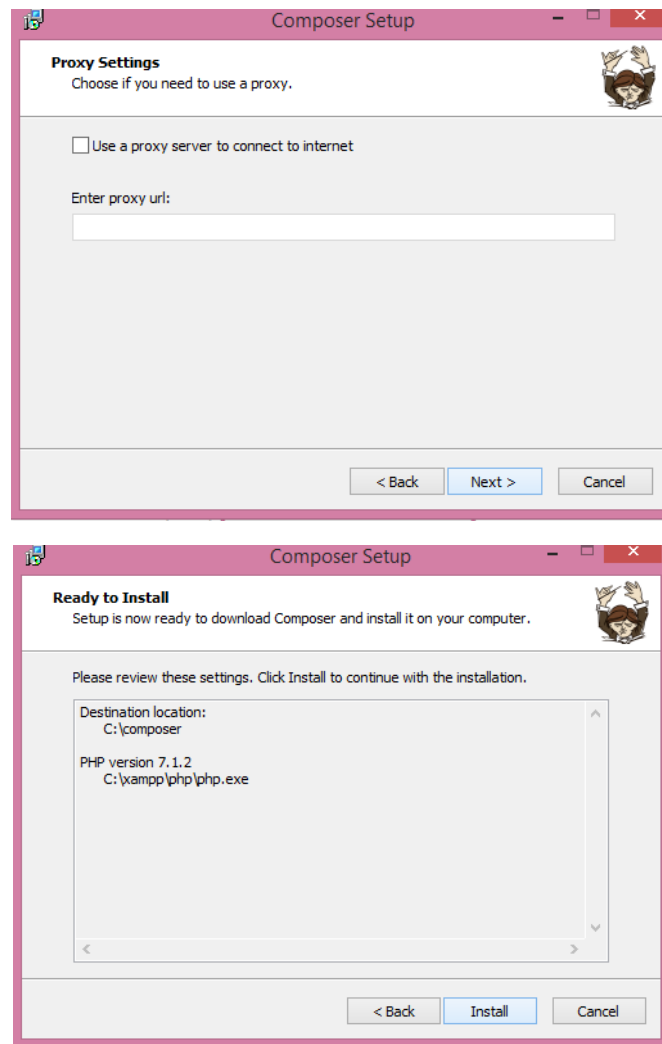


3. Instal composer yang sudah di download tadi.



4. Ikuti panduan instalasi seperti di bawah ini.





5. Setelah selesai menginstal composer, kemudian buka **Command Prompt**.
6. Masukkan perintah “**composer**”.

```

C:\Users\User>composer

Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

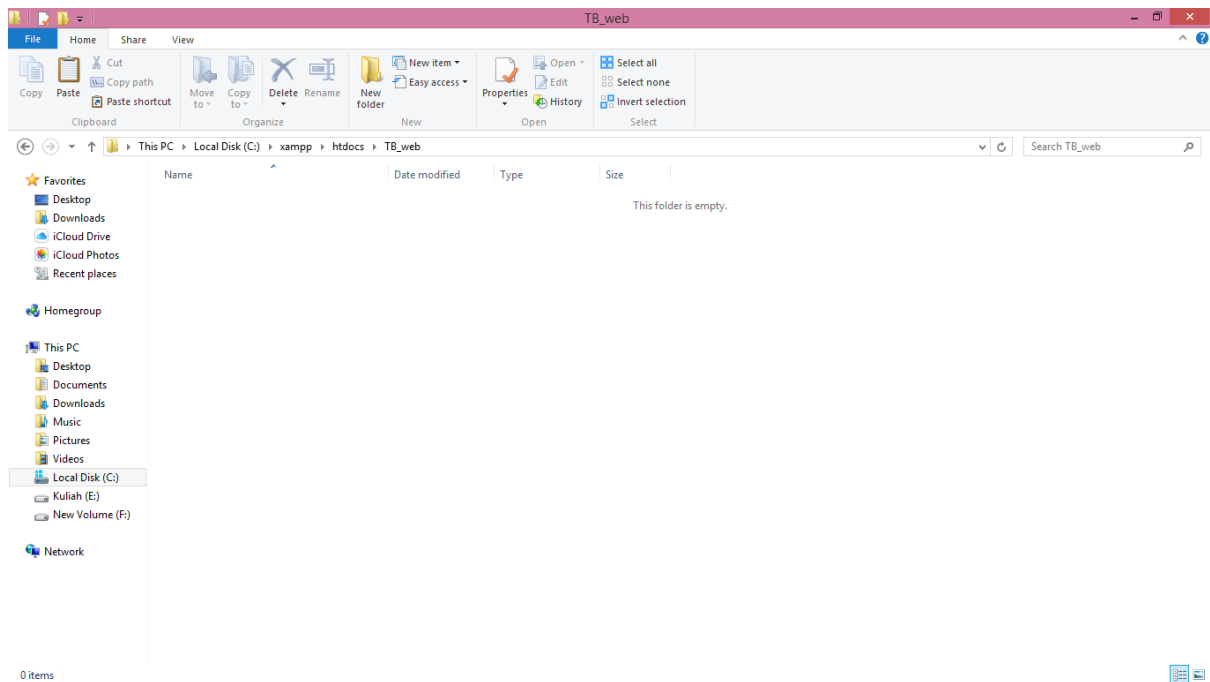
Composer version 1.6.0 2018-01-04 12:03:22

Usage:
  command [options] [arguments]

Options:
  -h, --help                Display this help message
  -q, --quiet               Do not output any message
  -V, --version             Display this application version
      --ansi               Force ANSI output
      --no-ansi            Disable ANSI output
  -n, --no-interaction     Do not ask any interactive question
      --profile            Display timing and memory usage information
      --no-plugins         Whether to disable plugins.
  -d, --working-dir=WORKING-DIR If specified, use the given directory as working directory
  
```

7. Pertama ini kita akan menginstal Bootstrap di composer.

8. Buat folder baru di C:\xampp\htdocs. Pada kasus ini saya membuat folder dengan nama TB_web.

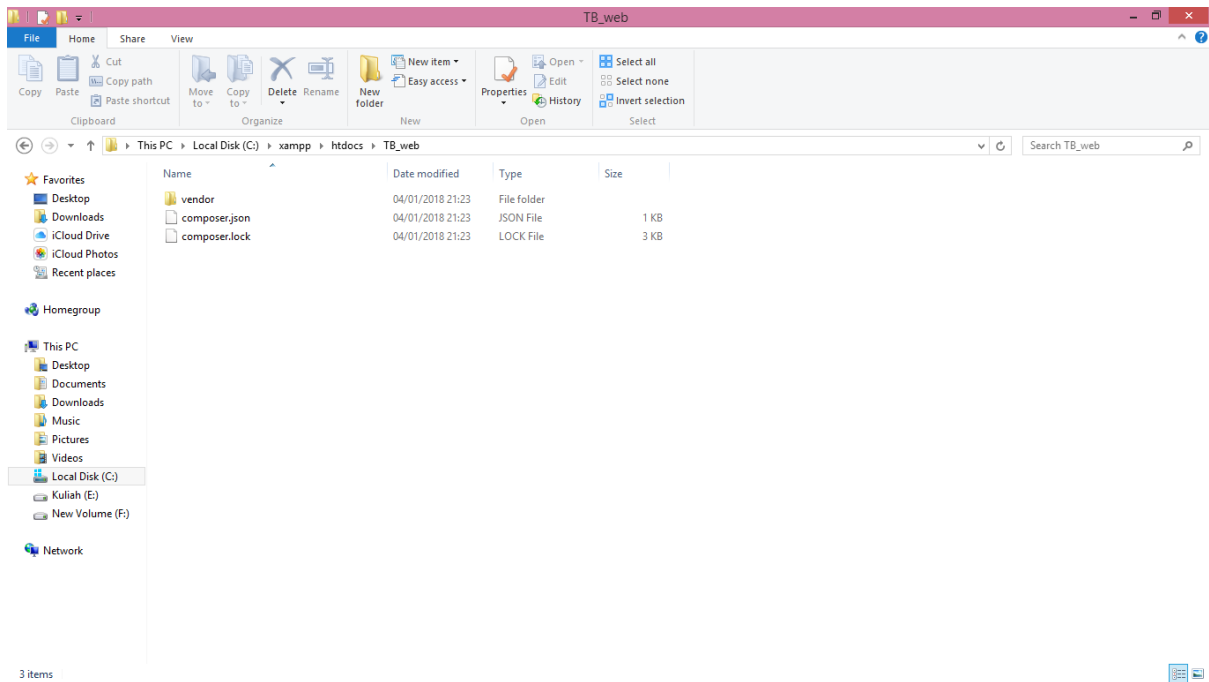


9. Selanjutnya kembali ke command prompt, masuk ke directory folder yang di buat tadi, caranya masukan perintah “ **cd C:\xampp\htdocs\TB_web** “.

10. Jika sudah berhasil masuk ke directory folder kalian, selanjutnya kita akan menginstal framework Bootstrap. Ketikkan perintah “ **composer require twbs/bootstrap:4.0.0-beta.3** ”. Proses ini memerlukan koneksi internet, dikarenakan proses ini akan mengunduh file twbs Bootstrap.

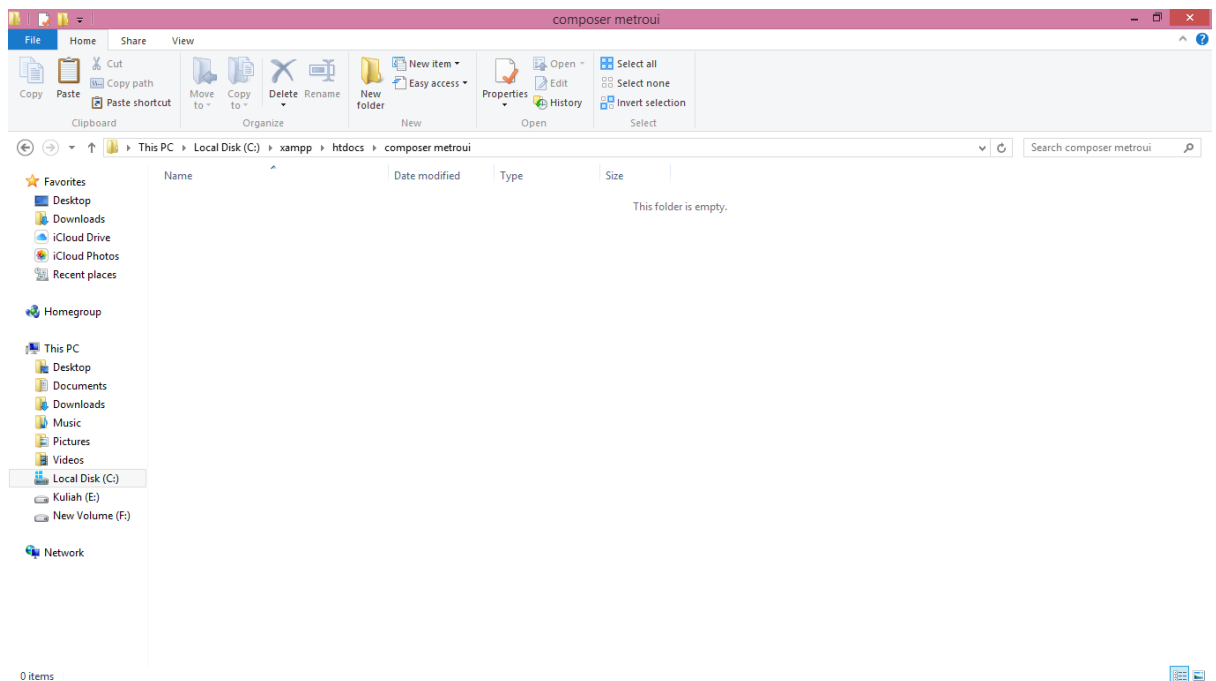
```
Command Prompt
C:\xampp\htdocs\TB2_web\metroui>cd C:\xampp\htdocs\TB_web
C:\xampp\htdocs\TB_web>composer require twbs/bootstrap:4.0.0-beta.3
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
 - Installing twbs/bootstrap (v4.0.0-beta.3): Loading from cache
Writing lock file
Generating autoload files
C:\xampp\htdocs\TB_web>cd C:\xampp\htdocs\composer metroui
C:\xampp\htdocs\composer metroui>composer require psycodedotorg/metro-ui-css:dev-master
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 3 installs, 0 updates, 0 removals
 - Installing components/jquery (2.2.4): Loading from cache
 - Installing components/jqueryui (1.12.1): Loading from cache
 - Installing psycodedotorg/metro-ui-css (dev-master ecd24106): Cloning ecd24106
65
Failed to download psycodedotorg/metro-ui-css from source: Failed to clone h
https://github.com/PsycodeDotOrg/Metro-UI-CSS.git, git was not found, check that
```

11. Jika berhasil mengunduh, akan otomatis tersimpan pada folder yang di buat tadi.

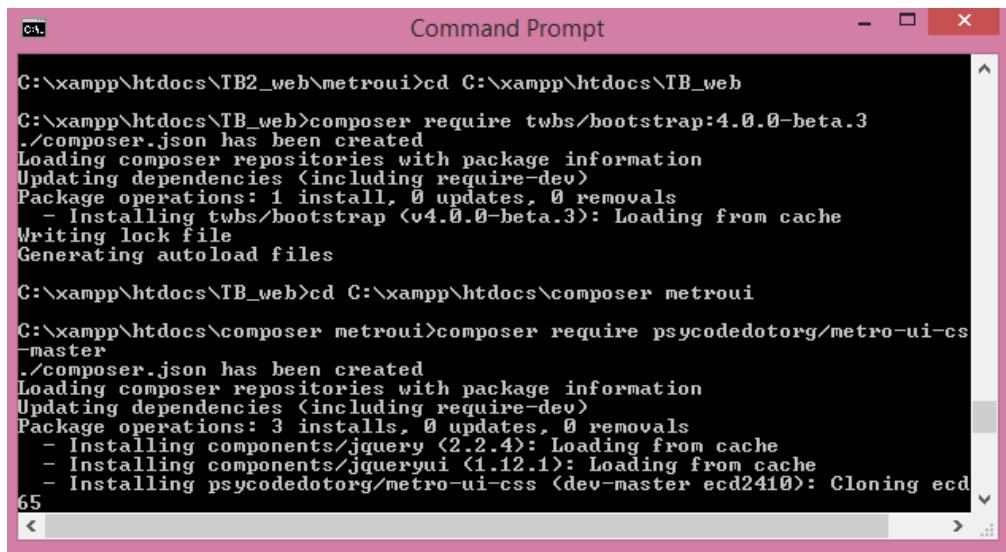


12. Selanjutnya menginstal Metro-ui di composer.

13. Buat folder baru baru lagi, hal ini bertujuan agar file nya tidak tumpang tindih dengan bootstrap tadi.



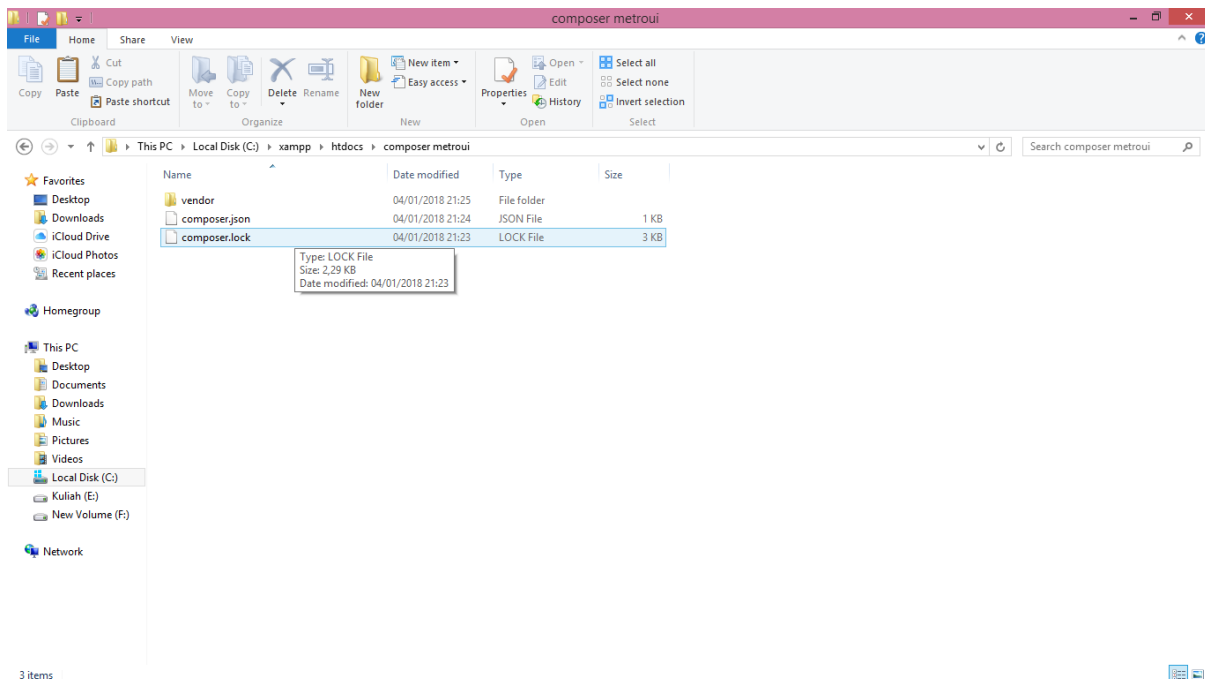
14. Seperti cara sebelumnya, pada command prompt masuk ke directory folder yang baru di buat tadi. Masukan perintah “ **cd C:\xampp\htdocs\composer metroui** “. Masukan perintah “ **composer require psycodedotorg/metro-ui-css:dev-master** “.



```
C:\>cd C:\xampp\htdocs\TB2_web\metroui>cd C:\xampp\htdocs\TB_web
C:\xampp\htdocs\TB_web>composer require twbs/bootstrap:4.0.0-beta.3
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
- Installing twbs/bootstrap (v4.0.0-beta.3): Loading from cache
Writing lock file
Generating autoload files
C:\xampp\htdocs\TB_web>cd C:\xampp\htdocs\composer metroui
C:\xampp\htdocs\composer metroui>composer require psycodedotorg/metro-ui-css:dev-master
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 3 installs, 0 updates, 0 removals
- Installing components/jquery (2.2.4): Loading from cache
- Installing components/jqueryui (1.12.1): Loading from cache
- Installing psycodedotorg/metro-ui-css (dev-master ecd2410): Cloning ecd
65
```

Jika terdapat beberapa bagian yang error, biarkan saja karena error tersebut dikarenakan request install di metro ui nya. Yang terpenting point seperti gambar di atas sudah berhasil.

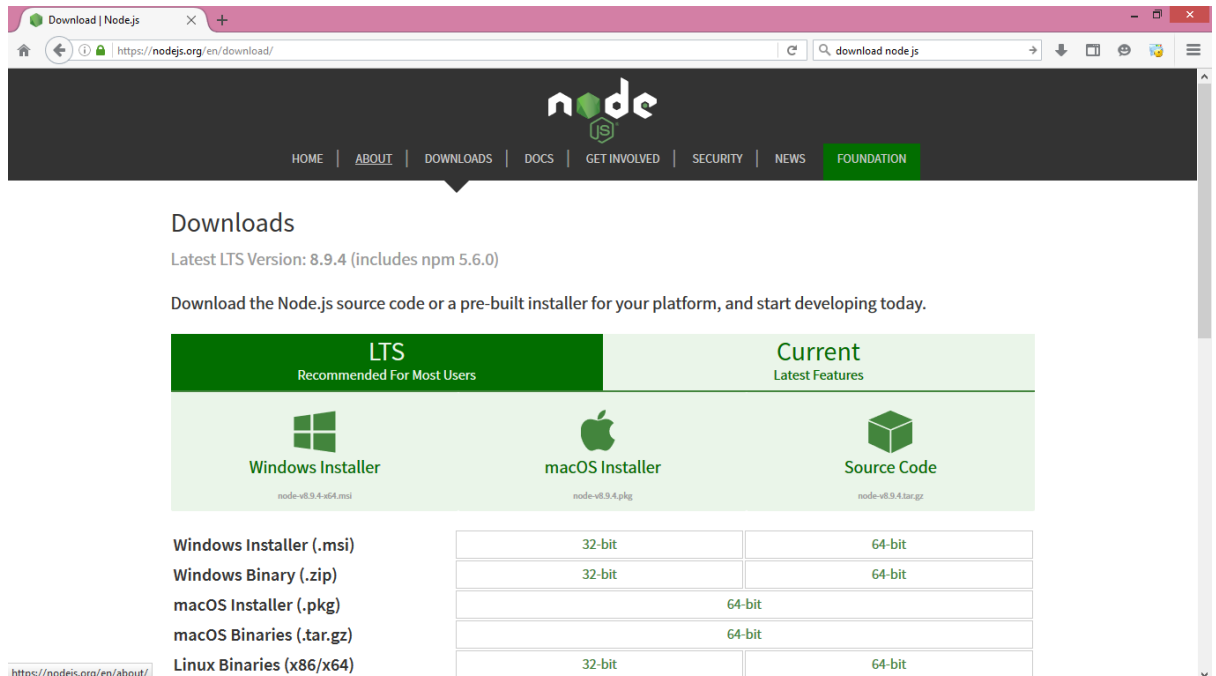
15. Jika file ini sudah ada di dalam folder kamu, berarti instalasi framework Metro-UI sudah berhasil.



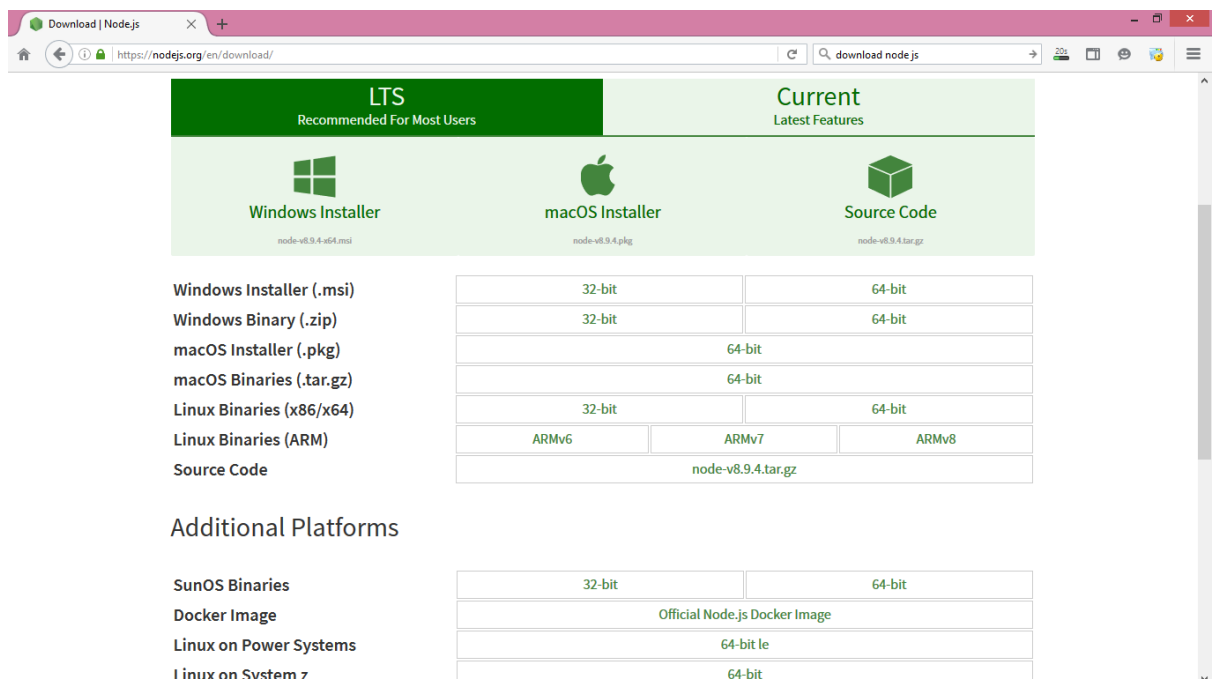
16. Dan kita sudah selesai menginstal composer metro ui dan bootstrap.

B. Instalasi Framework Metro-UI Menggunakan Bower.

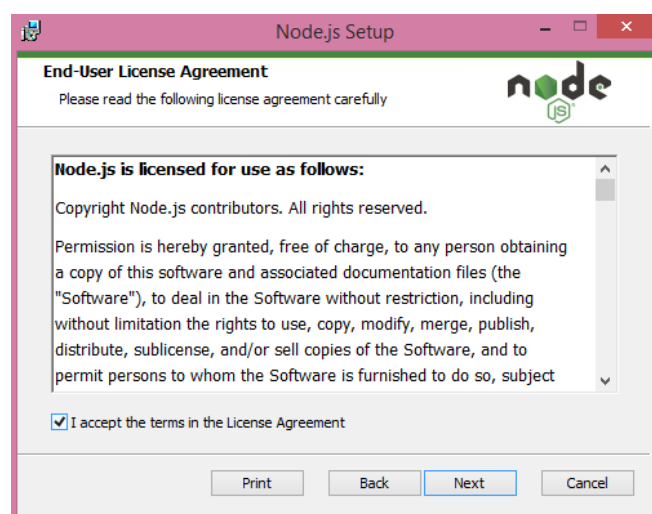
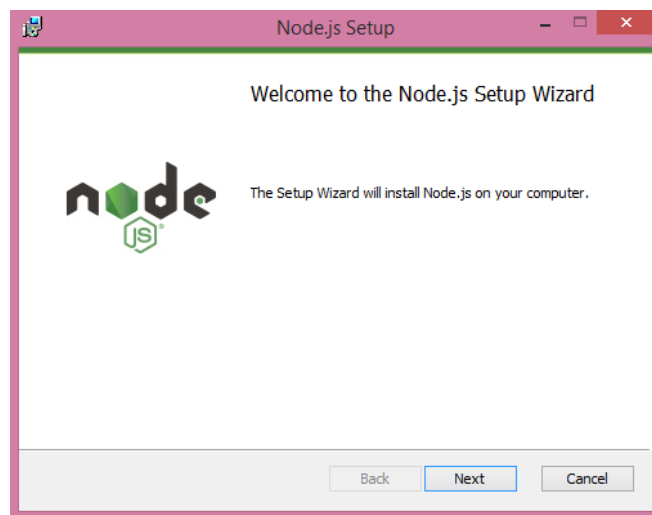
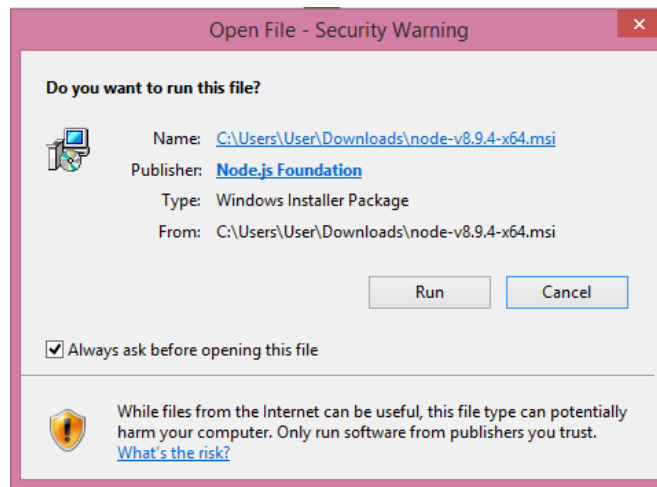
1. Pertama, download terlebih dahulu **node js**. Kunjungi situs <https://nodejs.org/en/>.

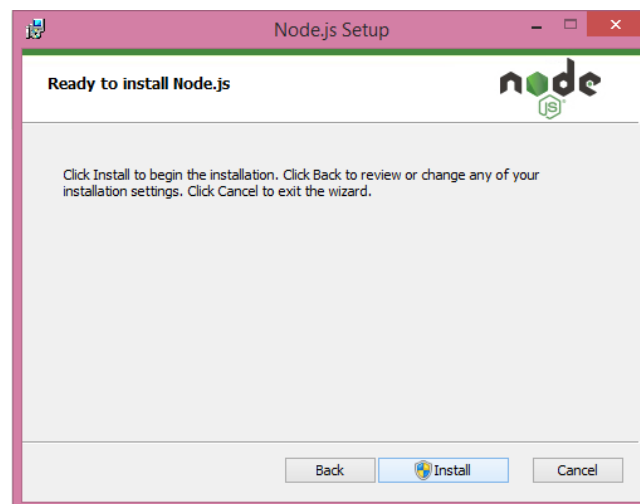
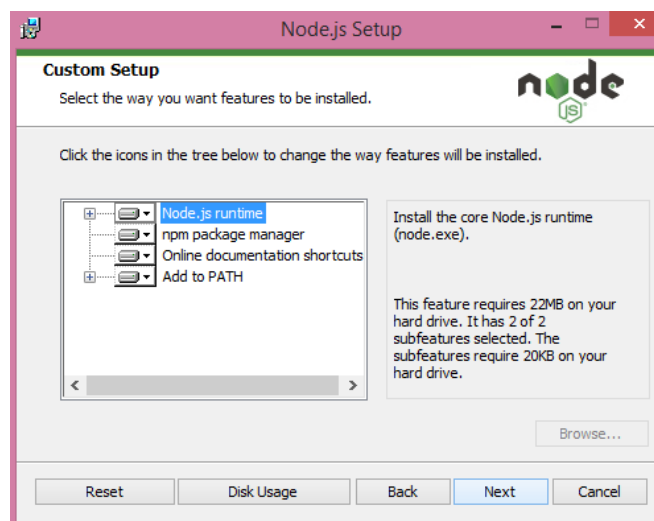
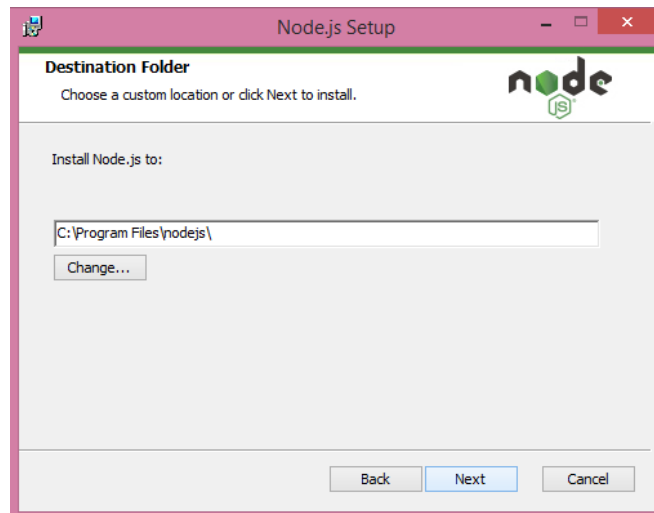


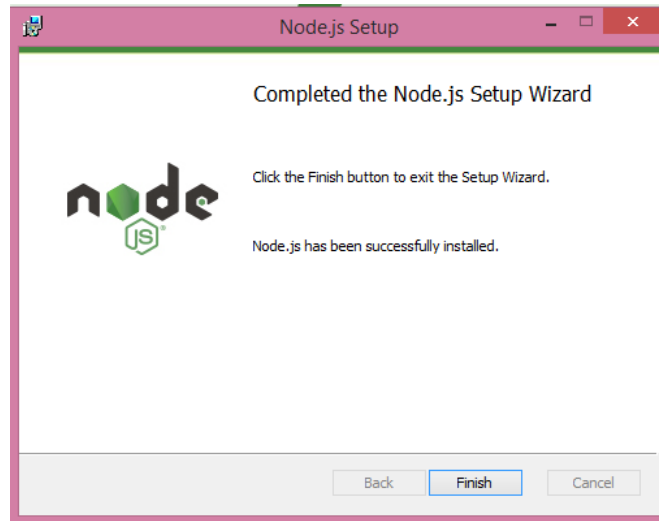
2. Kemudian pilih platform sesuai sistem operasi yang digunakan.



3. Selanjutnya instal bower tersebut, ikuti langkah penginstalan berikut ini.



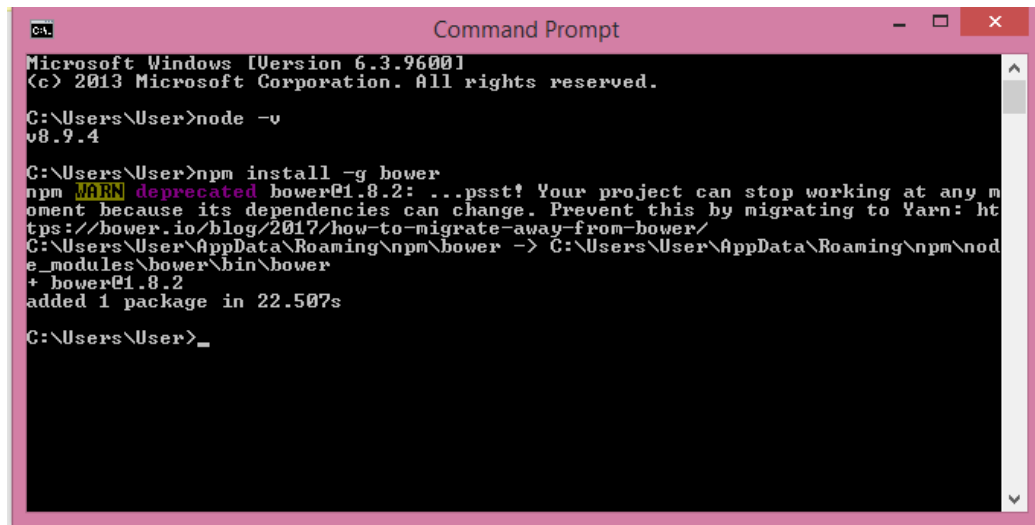




4. Cek apakah node sudah terinstal. Buka **Command Prompt** kemudian ketikkan perintah “**node -v**”. Jika berhasil maka akan tampil versi dari bower.

A screenshot of a Windows Command Prompt window. The title bar says "Command Prompt". The text inside the window shows the following: "Microsoft Windows [Version 6.3.9600] (c) 2013 Microsoft Corporation. All rights reserved." followed by a prompt "C:\Users\User>". The user has entered the command "node -v" and the output "v8.9.4" is displayed. The prompt "C:\Users\User>" is shown again on the next line.

5. Kemudian menginstal bower di command prompt. Masukkan perintah “ **npm install -g bower** ”



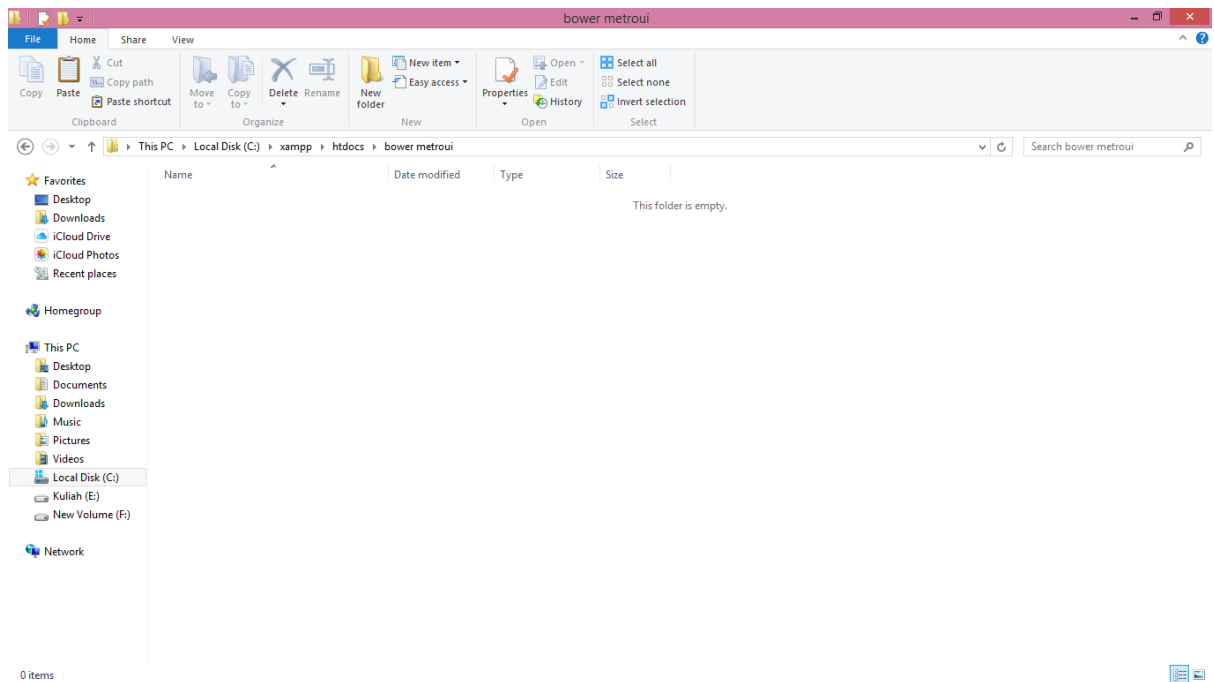
```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\User>node -v
v8.9.4

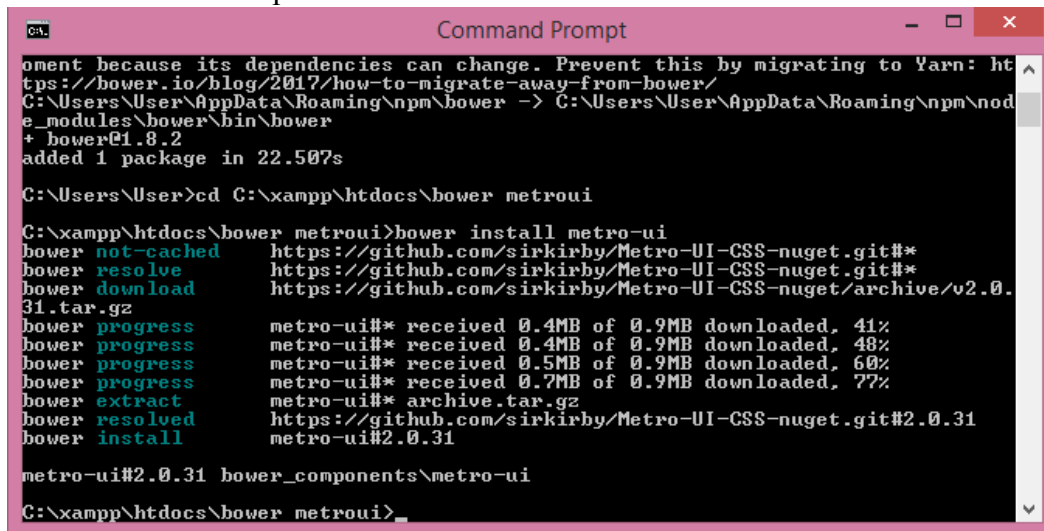
C:\Users\User>npm install -g bower
npm WARN deprecated bower@1.8.2: ...psst! Your project can stop working at any moment because its dependencies can change. Prevent this by migrating to Yarn: https://bower.io/blog/2017/how-to-migrate-away-from-bower/
C:\Users\User\AppData\Roaming\npm\node_modules\bower\bin\bower -> C:\Users\User\AppData\Roaming\npm\node_modules\bower\bin\bower
+ bower@1.8.2
added 1 package in 22.507s

C:\Users\User>
```

6. Buat folder baru di htdocs, pada kasus ini saya membuat folder “**bower metro ui**”.



7. Buka direktori folder yang di buat tadi di command prompt, kemudian instal metro ui. Masukkan perintah “ **bower install metro-ui** “.



```
Command Prompt

oment because its dependencies can change. Prevent this by migrating to Yarn: ht
tps://bower.io/blog/2017/how-to-migrate-away-from-bower/
C:\Users\User\AppData\Roaming\npm\bower -> C:\Users\User\AppData\Roaming\npm\nod
e_modules\bower\bin\bower
+ bower@1.8.2
added 1 package in 22.507s

C:\Users\User>cd C:\xampp\htdocs\bower metroui

C:\xampp\htdocs\bower metroui>bower install metro-ui
bower not-cached https://github.com/sirkirby/Metro-UI-CSS-nuget.git#*
bower resolve https://github.com/sirkirby/Metro-UI-CSS-nuget.git#*
bower download https://github.com/sirkirby/Metro-UI-CSS-nuget/archive/v2.0.
31.tar.gz
bower progress metro-ui#* received 0.4MB of 0.9MB downloaded, 41%
bower progress metro-ui#* received 0.4MB of 0.9MB downloaded, 48%
bower progress metro-ui#* received 0.5MB of 0.9MB downloaded, 60%
bower progress metro-ui#* received 0.7MB of 0.9MB downloaded, 77%
bower extract metro-ui#* archive.tar.gz
bower resolved https://github.com/sirkirby/Metro-UI-CSS-nuget.git#2.0.31
bower install metro-ui#2.0.31
metro-ui#2.0.31 bower_components\metro-ui

C:\xampp\htdocs\bower metroui>
```

8. Nah penginstalan metro ui di bower sudah selesai. Cek di folder tersebut apakah file sudah terinstal,

