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## **LAPORAN PRAKTIKUM MAHASISWA PEMROGRAMAN WEB FRAMEWORK**

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### **Studi Kasus Web-Pribadi**



**Oleh:**

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KELAS	:	Manajemen Informatika 4B

**Dosen:**

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**D3 – MANAJEMEN INFORMATIKA  
JURUSAN EKONOMI DAN BISNIS  
POLITEKNIK NEGERI LAMPUNG**

April 2022

#### A. Tujuan (Capaian Pembelajaran)

Setelah praktikum ini, praktikan mahasiswa diharapkan dapat:

## Membuat sebuah web dengan teknologi node js.

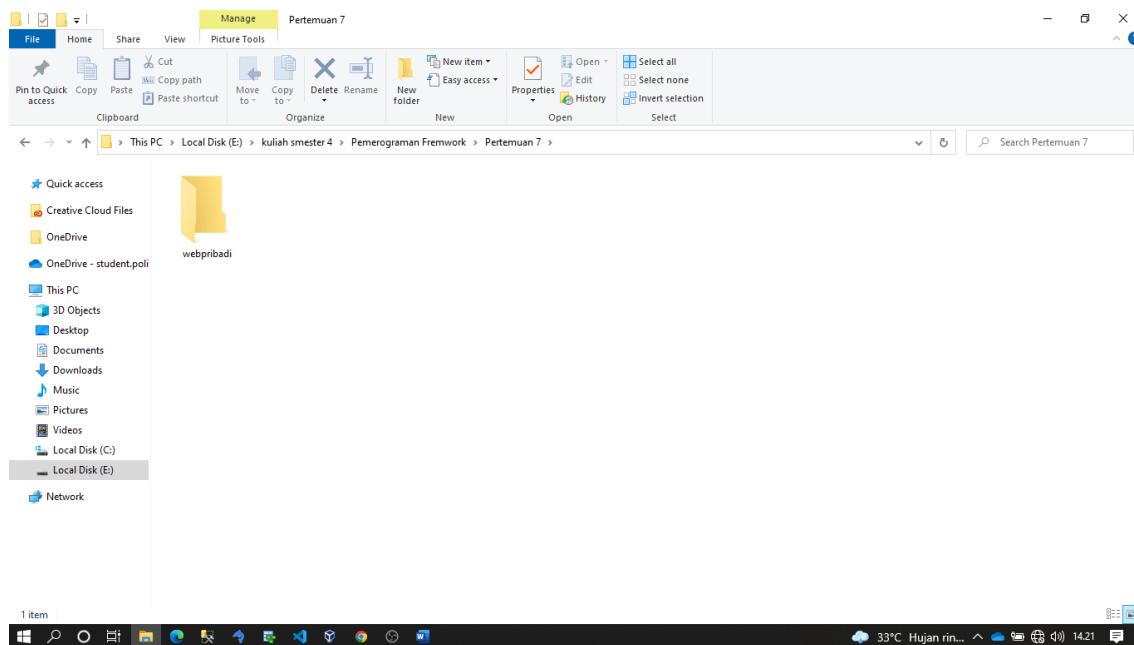
#### B. Peralatan yang digunakan

1. Web Editor : Visual Studio Code
  2. Web Browser : Google Chrome
  3. OS PC : Windows 10
  4. NodeJs : 16.14.0 LTS
  5. GitBash

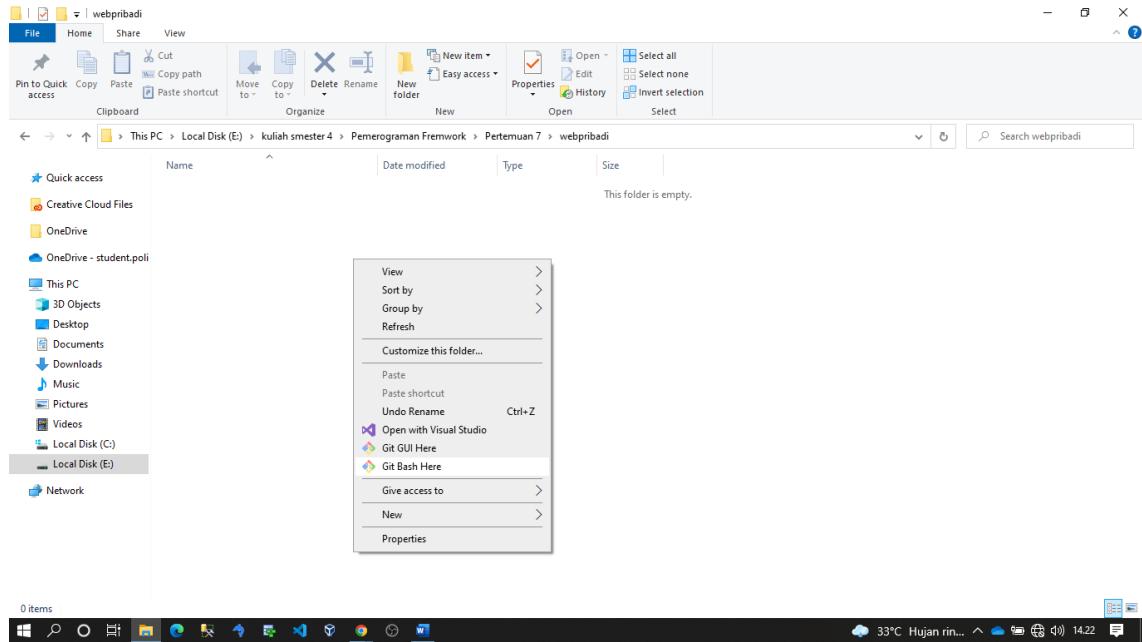
## C. Hasil Studi Kasus

## Step #1 Install Dependencies

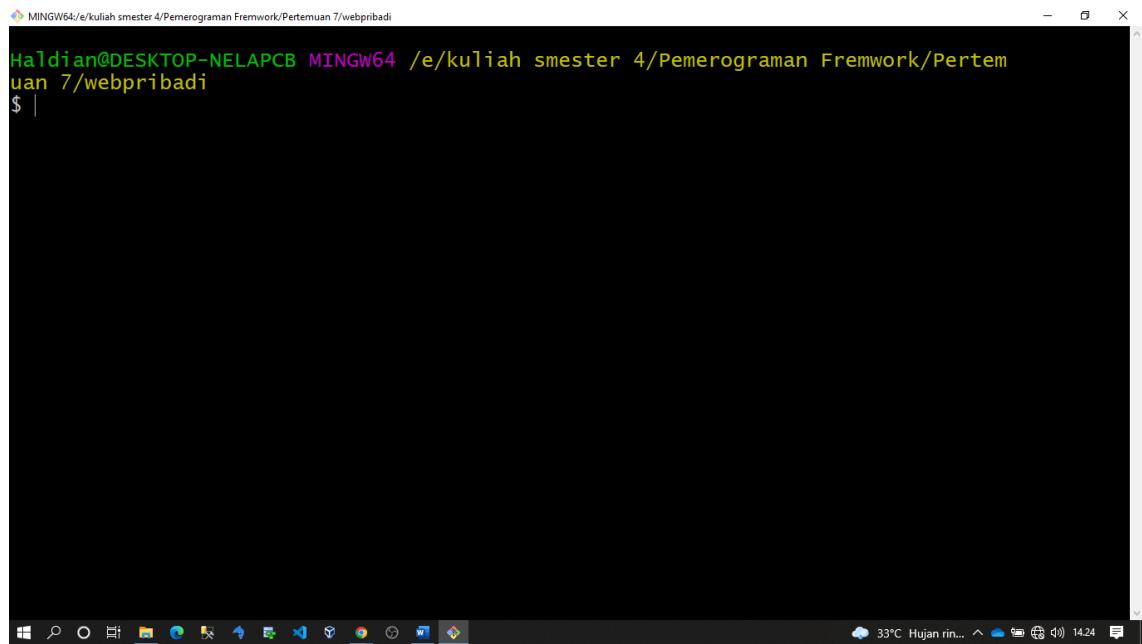
1. Sebelum install Install Dependecie kita perlu membuat sebuah folder di sini saya nuat folder dengan nama webpribadiseperti gambar di bawah ini.



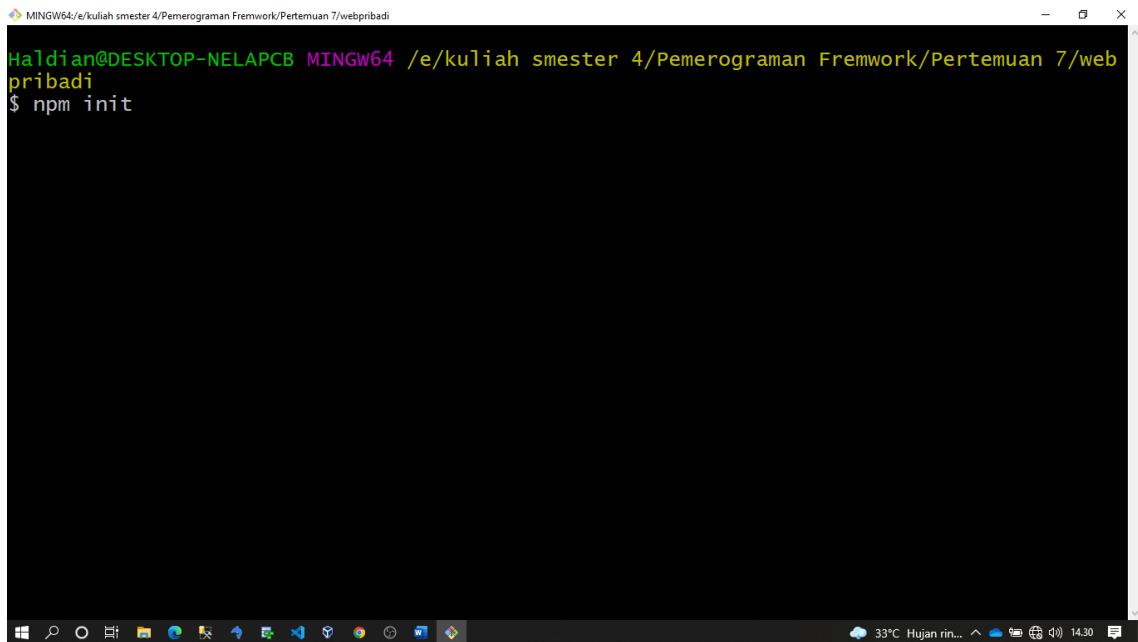
2. Selanjutnya kita masuk pada folder yang telah kita buat tadi lalu klik kanan kita pilih gitbash here seperti gambar di bawah ini.



3. Setelah kita klik kanan dan pilih gitbash here maka akan muncul tampilan seperti gambar di bawah ini.

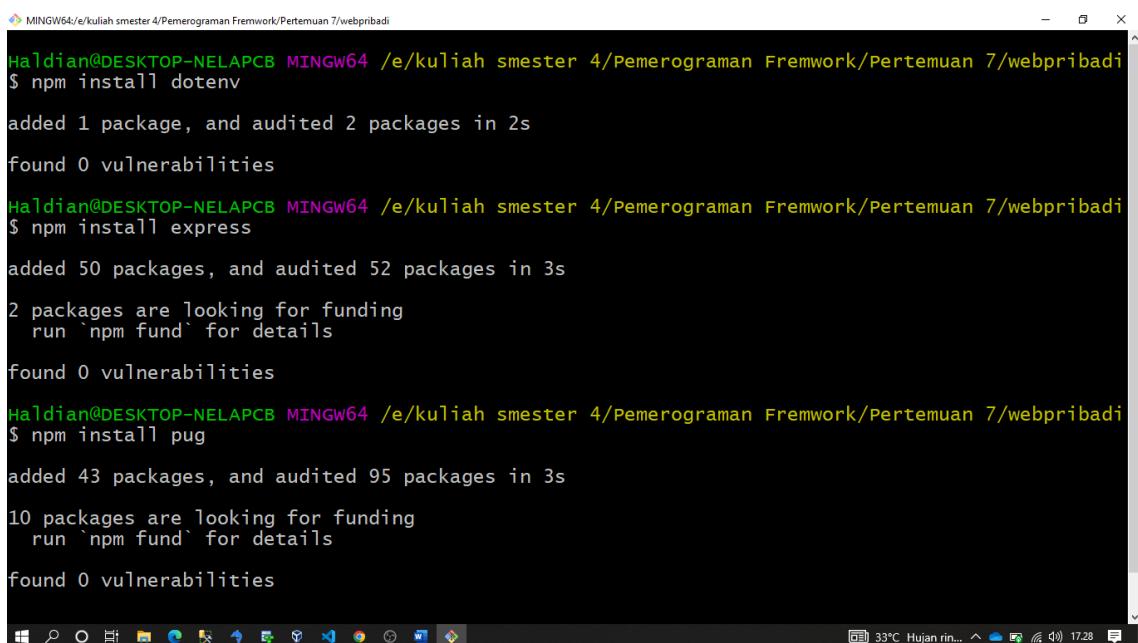


4. Selanjutnya pada terminal gitbash kita kita dapat membuat package.json secara otomatis dengan perintah npm init seperti gambar di bawah ini.



```
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
$ npm init
```

5. Selanjutnya kita install dependencies 1. Express (node.js framework), 2. Dotevn, 3. Pug, 4.Routes seperti gambar di bawah ini.



```
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
$ npm install dotenv

added 1 package, and audited 2 packages in 2s
found 0 vulnerabilities

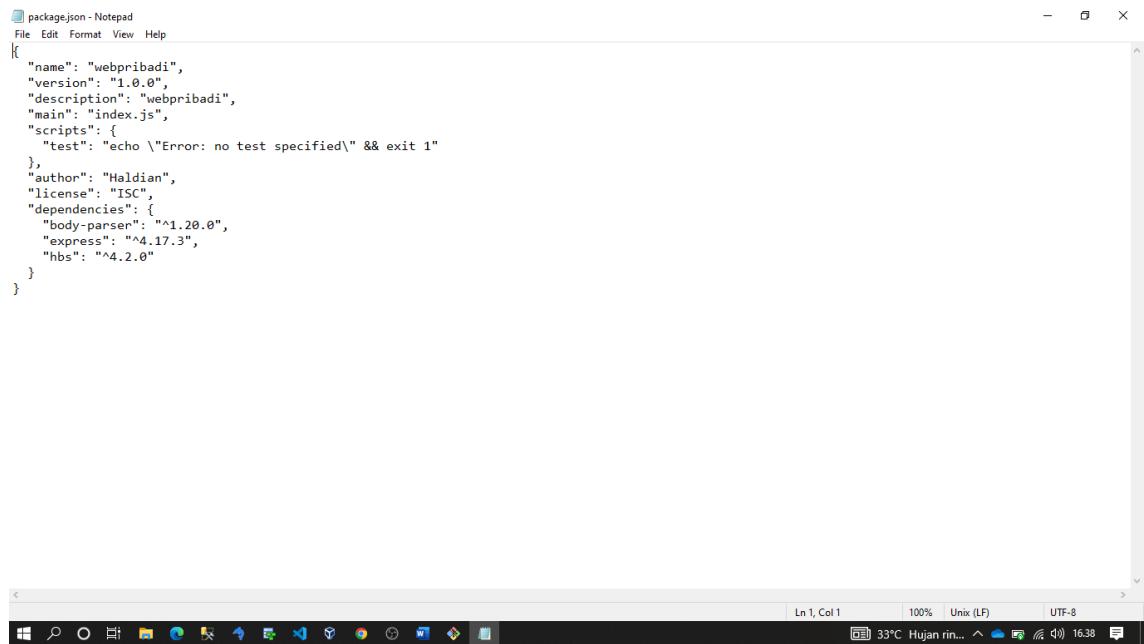
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
$ npm install express

added 50 packages, and audited 52 packages in 3s
2 packages are looking for funding
  run `npm fund` for details
found 0 vulnerabilities

Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
$ npm install pug

added 43 packages, and audited 95 packages in 3s
10 packages are looking for funding
  run `npm fund` for details
found 0 vulnerabilities
```

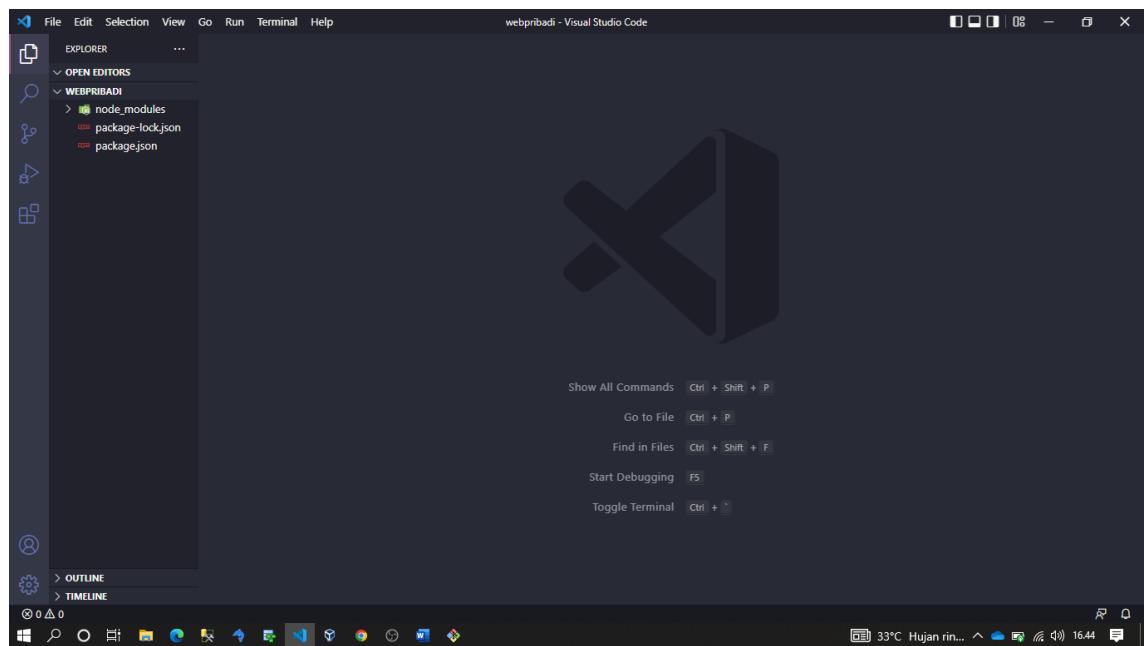
6. Jika kita buka file package.json nya maka akan seperti gambar di bawah ini.



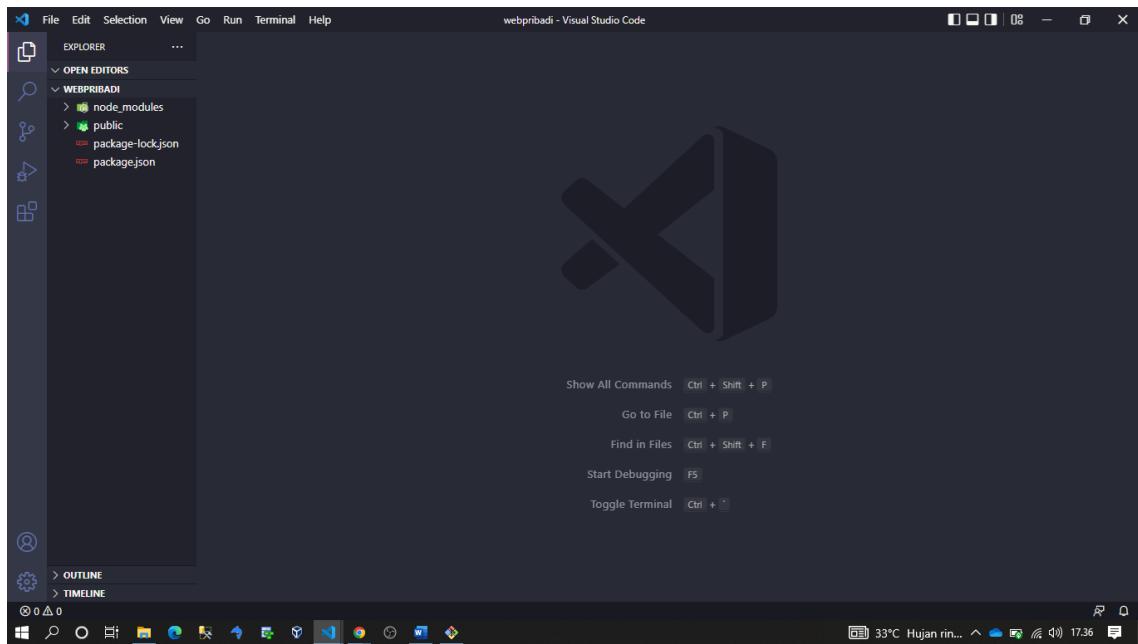
```
package.json - Notepad
File Edit Format View Help
{
  "name": "webpribadi",
  "version": "1.0.0",
  "description": "webpribadi",
  "main": "index.js",
  "scripts": {
    "test": "echo \\\"Error: no test specified\\\" && exit 1"
  },
  "author": "Haldian",
  "license": "ISC",
  "dependencies": {
    "body-parser": "^1.20.0",
    "express": "^4.17.3",
    "hbs": "^4.2.0"
  }
}
```

## Step #2 Struktur Project

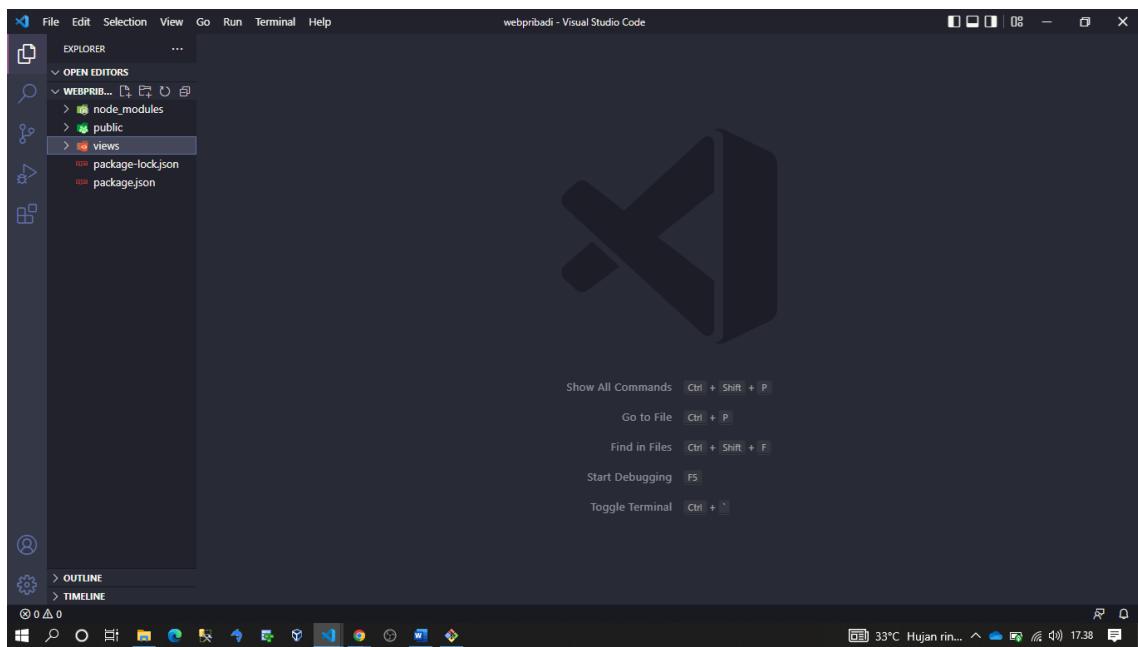
1. Selanjutnya kita buka folder webpribadi kita disni saya menggunakan vscode untuk membukanya seperti gambar di bawah ini.



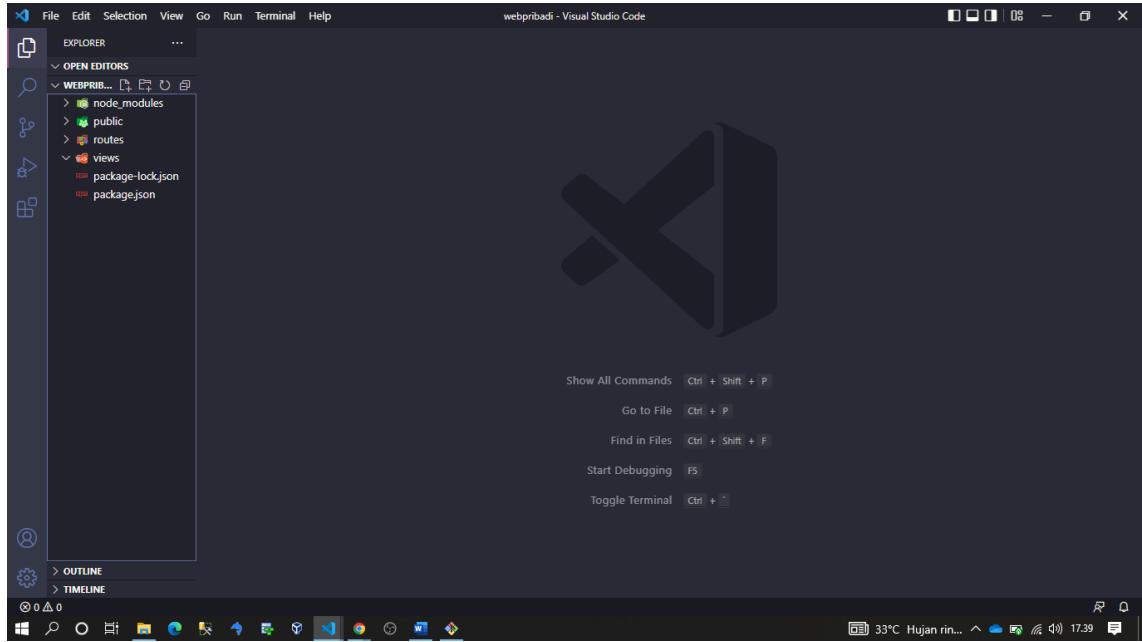
2. Selanjutnya kita buat folder baru dengan nama public seperti gambar di bawah ini



3. Selanjutnya kita buat folder baru dengan nama views di mana folder ini yang akan menyimpan pug seperti gambar di bawah ini

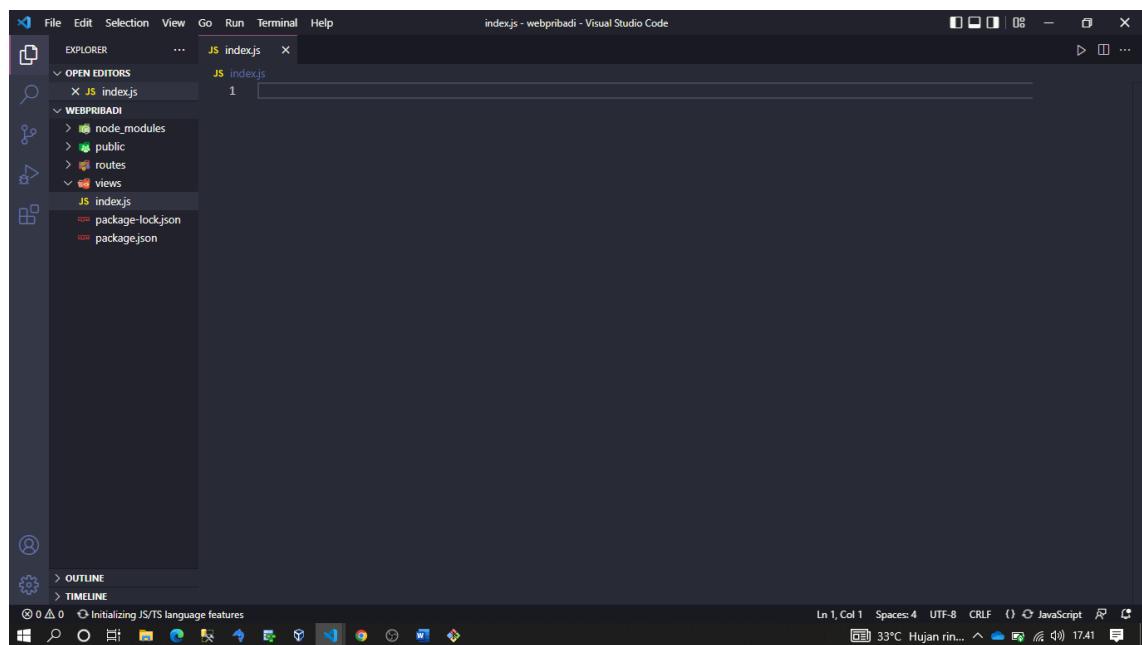


- Kemudian kita buat folder baru lagi dengan nama routes dimana routes ini sebuah penghubung antara *request* (permintaan) dan *action* (aksi) seperti gambar di bawah ini.

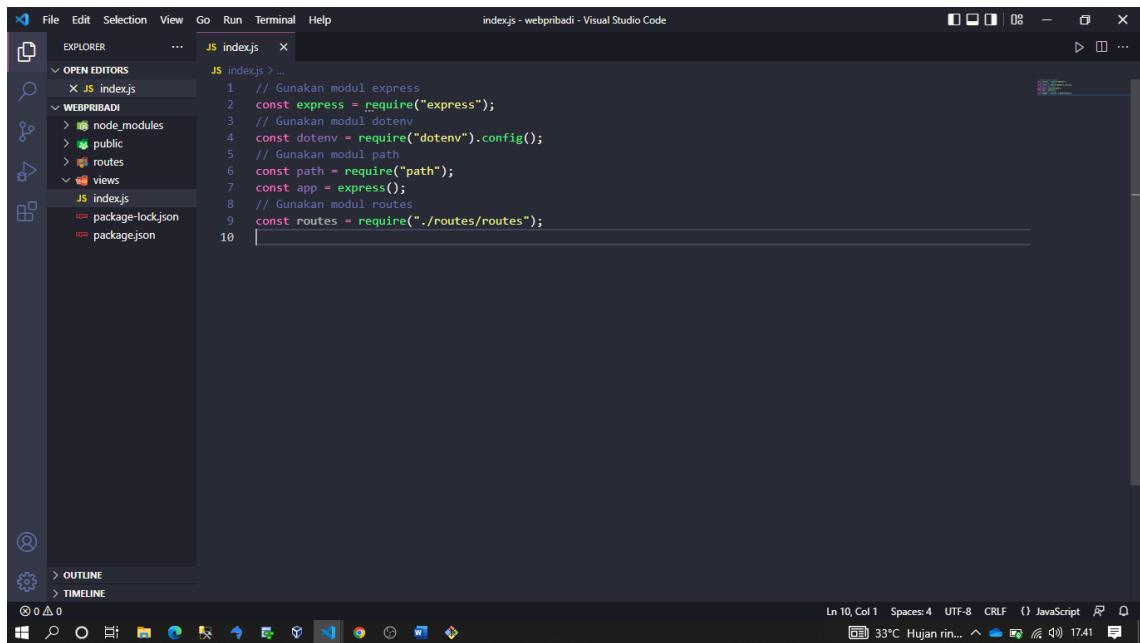


### Step #3. Index.js

- Selanjutnya kita buat file dengan nama index.js seperti gambar di bawah ini.



2. Selanjutnya kita gunakan modules yang kita gunakan pada index.js di mana kita akan menggunakan express, dotenv, path, app dan routes seperti gambar di bawah ini.



The screenshot shows the Visual Studio Code interface with the following details:

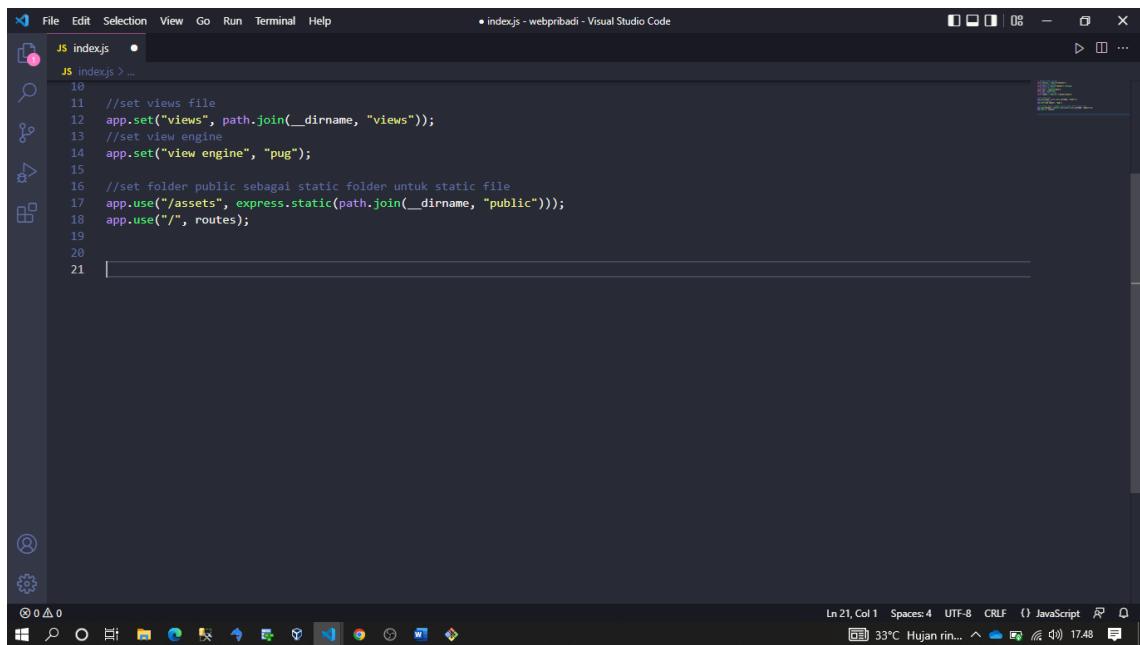
- File Explorer:** Shows a project structure with files like `index.js`, `package.json`, and `routes/routes.js`.
- Editor:** Displays the code for `index.js`:

```

1 // Gunakan modul express
2 const express = require("express");
3 // Gunakan modul dotenv
4 const dotenv = require("dotenv").config();
5 // Gunakan modul path
6 const path = require("path");
7 const app = express();
8 // Gunakan modul routes
9 const routes = require("./routes/routes");
10

```
- Status Bar:** Shows file statistics (Ln 10, Col 1), encoding (UTF-8), and other system information (33°C, Hujan rin...).

3. Selanjutnya kita set untuk views file, set view wngine serta /set folder public sebagai static folder untuk static file seperti gambar di bawah ini.



The screenshot shows the Visual Studio Code interface with the following details:

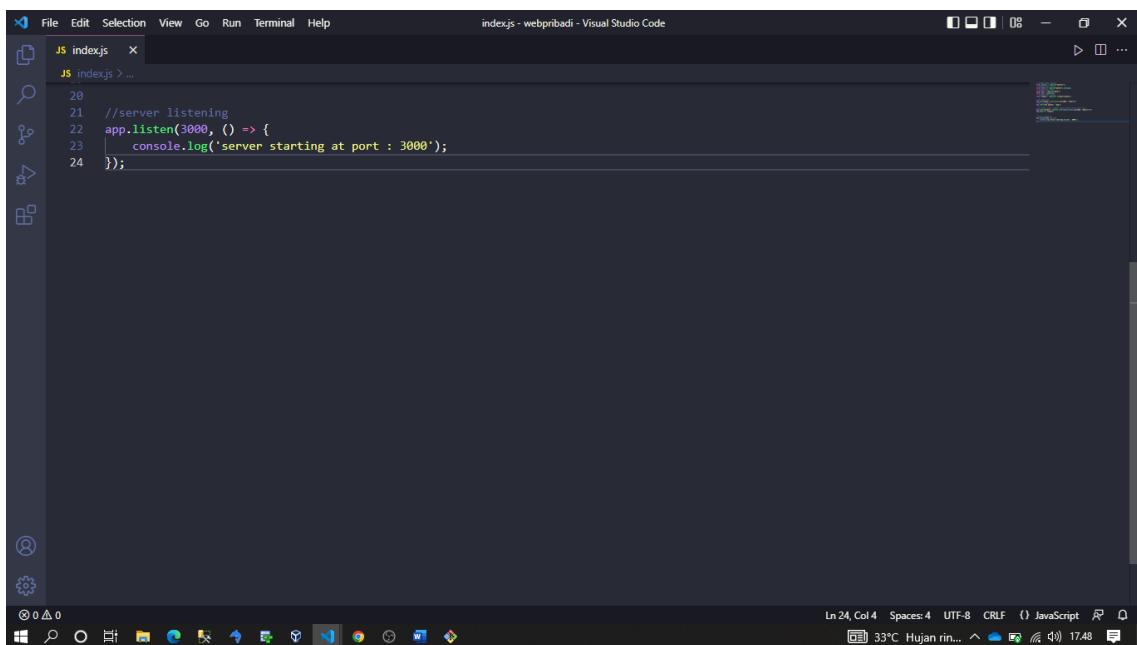
- File Explorer:** Shows the `index.js` file is currently open.
- Editor:** Displays the continuation of the `index.js` code:

```

10
11 //set views file
12 app.set("views", path.join(__dirname, "views"));
13 //set view engine
14 app.set("view engine", "pug");
15
16 //set folder public sebagai static folder untuk static file
17 app.use("/assets", express.static(path.join(__dirname, "public")));
18 app.use("/", routes);
19
20
21

```
- Status Bar:** Shows file statistics (Ln 21, Col 1), encoding (UTF-8), and other system information (33°C, Hujan rin...).

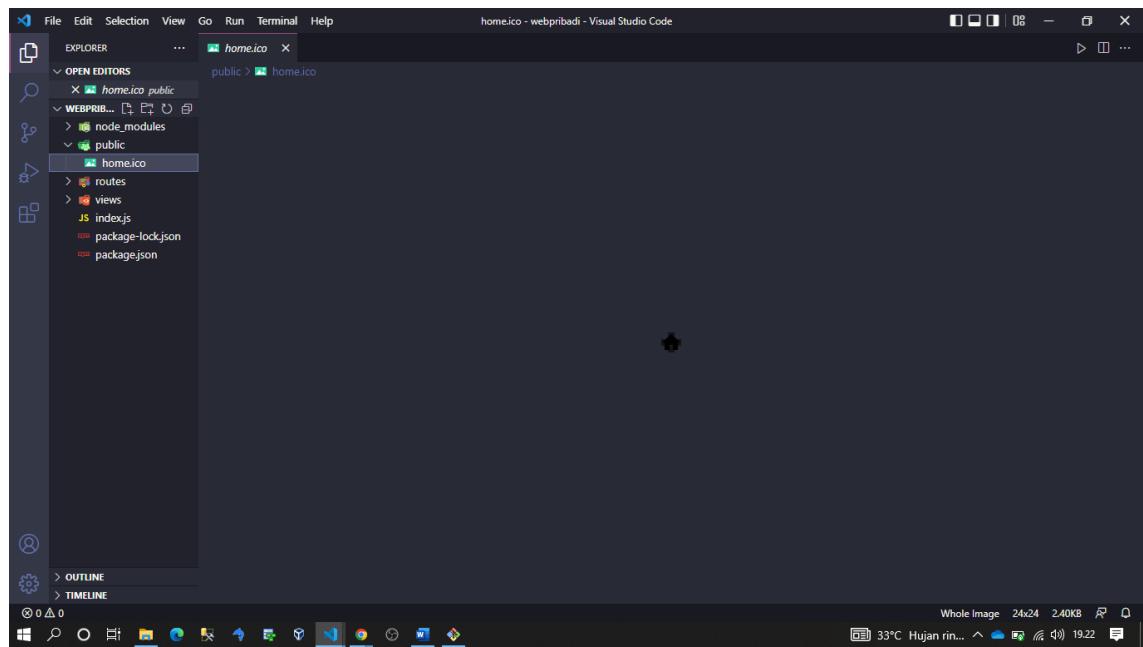
4. Selanjutnya kita lakukan pembuatan server listen seperti gambar di bawah ini



```
File Edit Selection View Go Run Terminal Help
index.js - webpribadi - Visual Studio Code
JS index.js > ...
JS indexjs > ...
20
21 //server listening
22 app.listen(3000, () => {
23   console.log('server starting at port : 3000');
24 });
Ln 24, Col 4  Spaces: 4  UTF-8  CRLF  (JavaScript)  R  Q
@ 0 △ 0  33°C Hujan rin...  17.48  Whole Image 24x24 2.40KB  R  Q
OPEN EDITORS
EXPLORER
WEPPRIB...
OUTLINE
TIMELINE
Windows Taskbar icons
```

#### Step #4. Public

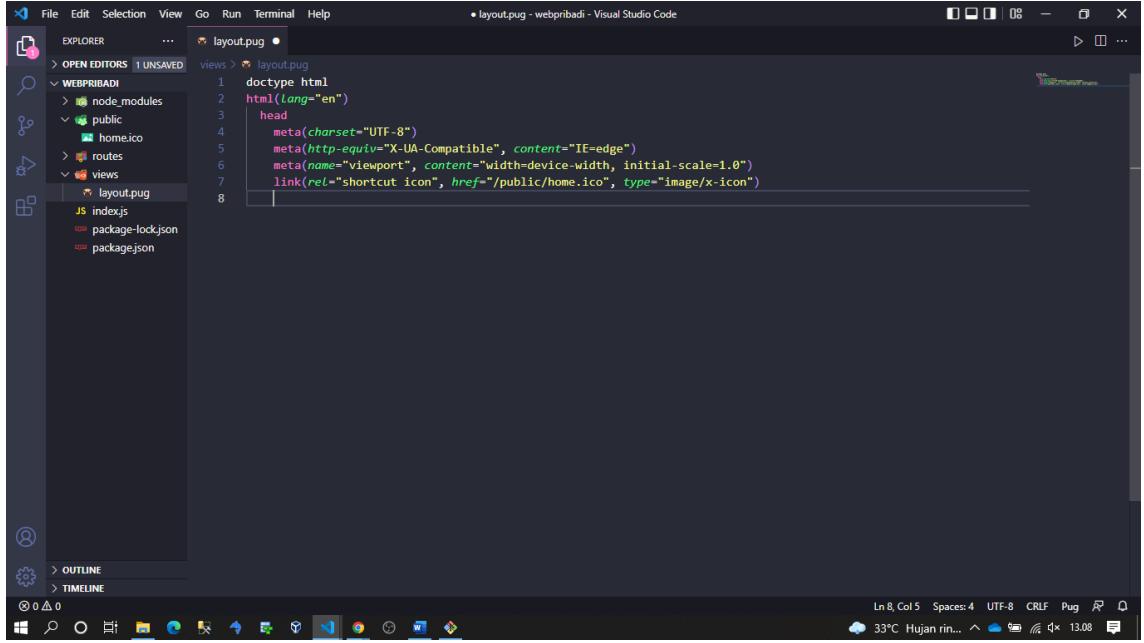
Pada step 4 ini kita memasukan sebuah gambar dengan extensen .ico seperti gambar di bawah ini



## Step #5. Views

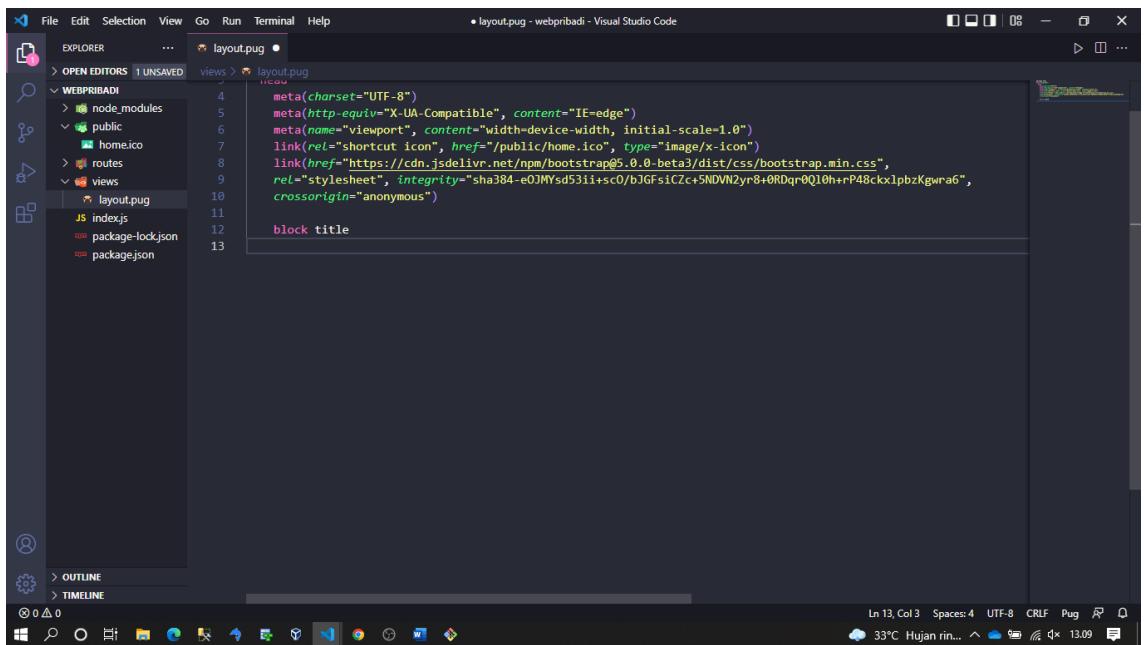
### Layout

1. Selanjutnya kita masuk ke view kita buat layout.pug seperti gambar di bawah ini di mana link shortcut icon untuk mengambil gambar pada folder public.



```
views > layout.pug
doctype html
html(lang="en")
head
  meta(charset="UTF-8")
  meta(http-equiv="X-UA-Compatible", content="IE=edge")
  meta(name="viewport", content="width=device-width, initial-scale=1.0")
  link(rel="shortcut icon", href="/public/home.ico", type="image/x-icon")
```

2. Pada layout link href kita mengambil bootstrap secara online seperti gambar di bawah ini



```
views > layout.pug
meta(charset="UTF-8")
meta(http-equiv="X-UA-Compatible", content="IE=edge")
meta(name="viewport", content="width=device-width, initial-scale=1.0")
link(rel="shortcut icon", href="/public/home.ico", type="image/x-icon")
link(href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/css/bootstrap.min.css", rel="stylesheet", integrity="sha384-eOJMYsd53ii+sC0/bJGFsiCZc+5NDVN2yr8+0RDqr0Q10h+rP48ckxlpbzKgwra6", crossorigin="anonymous")
```

- Selanjutnya kita gunakan kit-fontawesome untuk mengambil icon secara online yang akan kita gunakan seperti sosial media dan yang lainnya seperti gambar di bawah ini.

```

File Edit Selection View Go Run Terminal Help
OPEN EDITORS 1 UNSAVED views > layout.pug
WEBPRIBADI
> node_modules
public
  home.ico
routes
views
  layout.pug
JS index.js
package-lock.json
package.json
meta(charset="UTF-8")
meta(http-equiv="X-UA-Compatible", content="IE=edge")
meta(name="viewport", content="width=device-width, initial-scale=1.0")
link(rel="shortcut icon", href="public/home.ico", type="image/x-icon")
link(href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/css/bootstrap.min.css", rel="stylesheet", integrity="sha384-eOJMYsd53ii+sC0/bJGfsICzC+5NDVN2yr8+0RDqr0Q1Oh+rP48ckxlpbzKgwra6", crossorigin="anonymous")
script(src="https://kit.fontawesome.com/ac90a6a951.js", crossorigin="anonymous")
block title

```

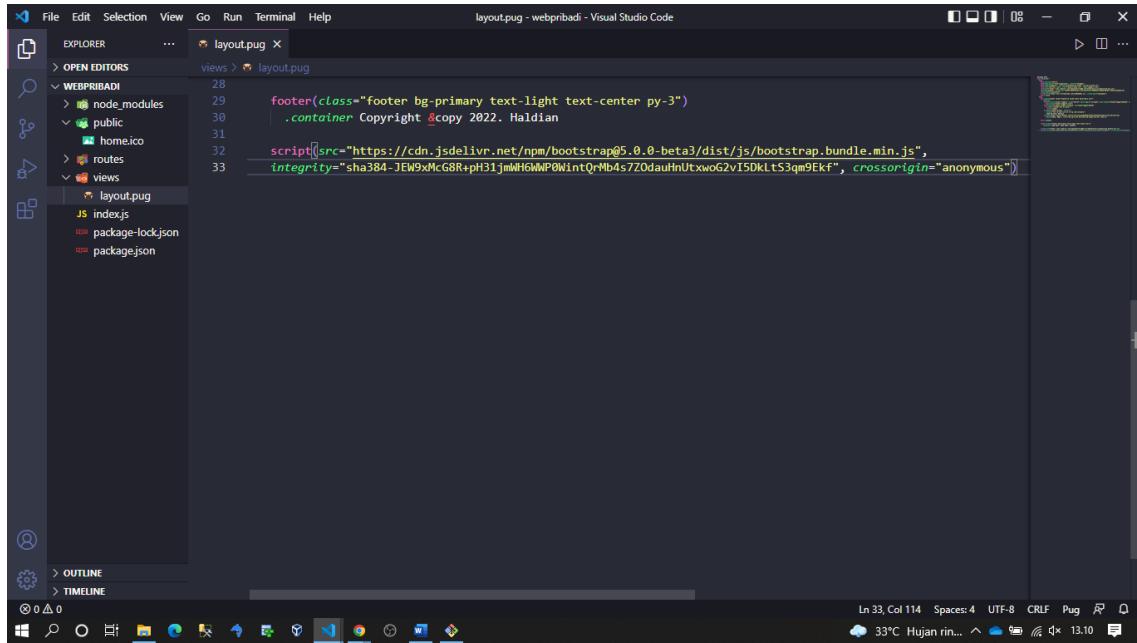
- Kemudian buat navbar pada body dimana kita menyertakan cv kita dalam bentuk pdf yang sudah di upload pada g-drive kita seperti gambar di bawah ini

```

File Edit Selection View Go Run Terminal Help
OPEN EDITORS 1 UNSAVED views > layout.pug
WEBPRIBADI
> node_modules
public
  home.ico
routes
views
  layout.pug
JS index.js
package-lock.json
package.json
body
nav(class="navbar navbar-expand-lg navbar-dark bg-primary py-3")
  .container
    button(class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarTogglerDemo01" aria-
      span(class="navbar-toggler-icon")
    div(class="collapse navbar-collapse" id="navbarTogglerDemo01")
      ul(class="navbar-nav mr-auto")
        block navbar
        a(class="navbar-brand", href="/")
          i(class="fas fa-user-circle fa-lg text-primary")
          | Web Personal Haldian
        a(href="https://drive.google.com/file/d/1uA_q0igVKFVgzYUTb7yjY4CEnFaa135d/view?usp=sharing",
          style="width: 80px", class="mx-1g-2 btn btn-outline-light btn-sm") Get CV
  block content

```

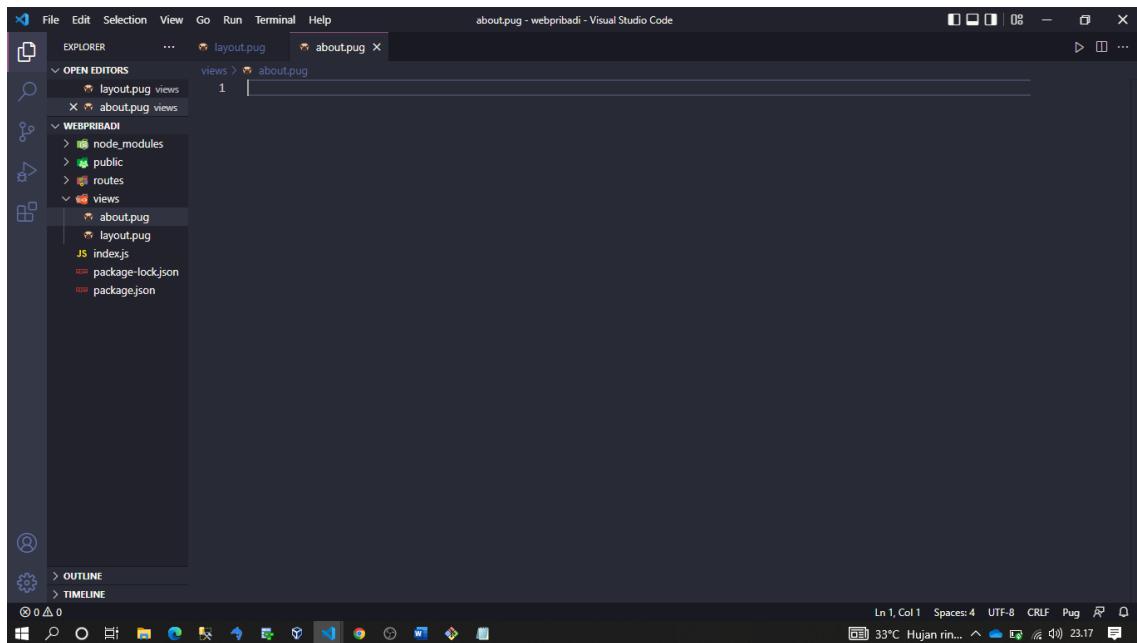
5. Selanjutnya kita buat footer di mana footernya di sini saya gunakan bootstrap sama seperti navbar yang di mana bootstrapnya kita gunakan online seperti gambar di bawah ini.



```
views > layout.pug
28
29   footer(class="footer bg-primary text-light text-center py-3")
30     .container Copyright © 2022. Haldian
31
32     script(src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/js/bootstrap.bundle.min.js",
33       integrity="sha384-JEW9xMcC8R+pH31jmWH6WP0WintQMb4s7Z0dauHuUtxwG2vI5DkLts3qm9Ekf", crossorigin="anonymous")
```

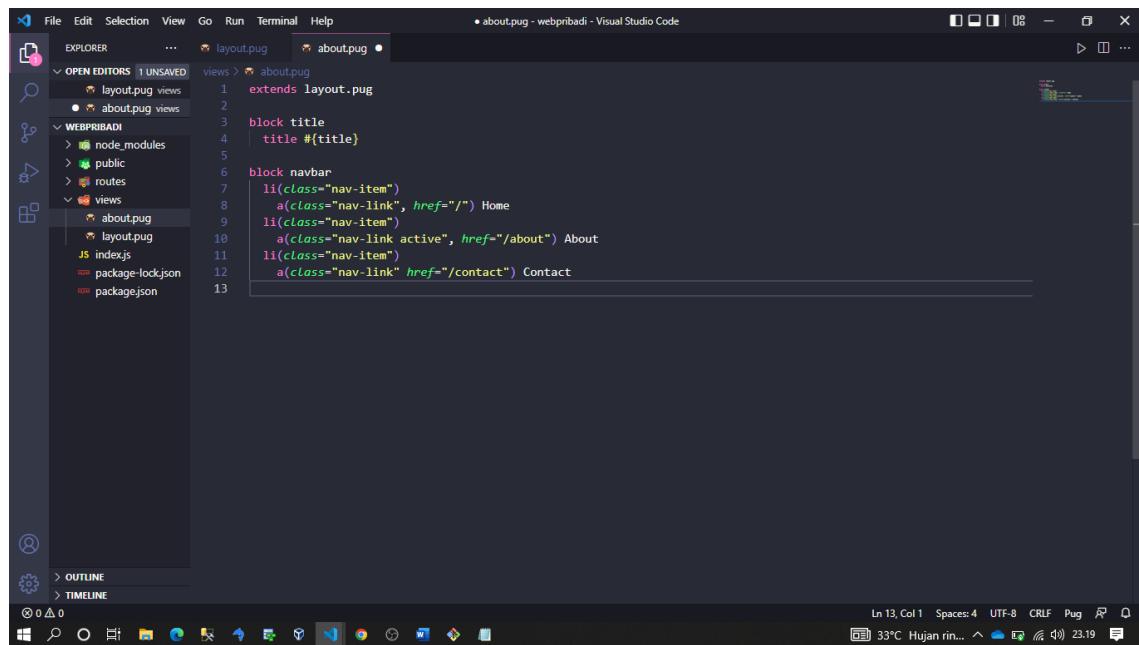
## About

6. Selanjutnya kita buat file dengan nama about.pug seperti gambar di bawah ini



```
views > about.pug
```

7. Selanjutnya pada about kita lakukan extends ke layout.pug di mana extend layout.pug ini dia akan mengarahkan ke layout, kemudian di sini juga kita buat block navbar di mana terdapat Home, About, dan Contact seperti gambar di bawah ini.



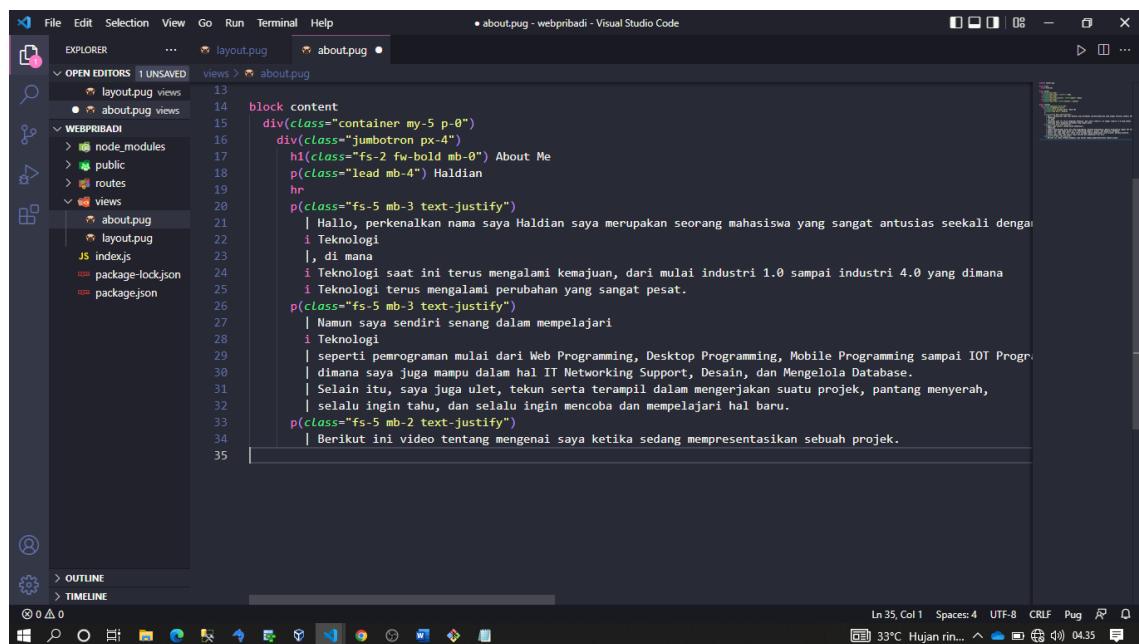
```

File Edit Selection View Go Run Terminal Help
about.pug - webpribadi - Visual Studio Code
OPEN EDITORS 1 UNSAVED
views > about.pug
layout.pug views
about.pug views
WEBPribadi
node_modules
public
routes
views
about.pug
layout.pug
index.js
package-lock.json
package.json

views > about.pug
1 extends layout.pug
2
3 block title
4 | title #title
5
6 block navbar
7 li(class="nav-item")
8 | a(class="nav-link", href="/") Home
9 li(class="nav-item")
10 | a(class="nav-link active", href="/about") About
11 li(class="nav-item")
12 | a(class="nav-link" href="/contact") Contact
13

```

8. Selanjutnya kita buat block content di mana disini terdapat div, h1, dan p yang menjelaskan tentang about me seperti gambar di bawah ini



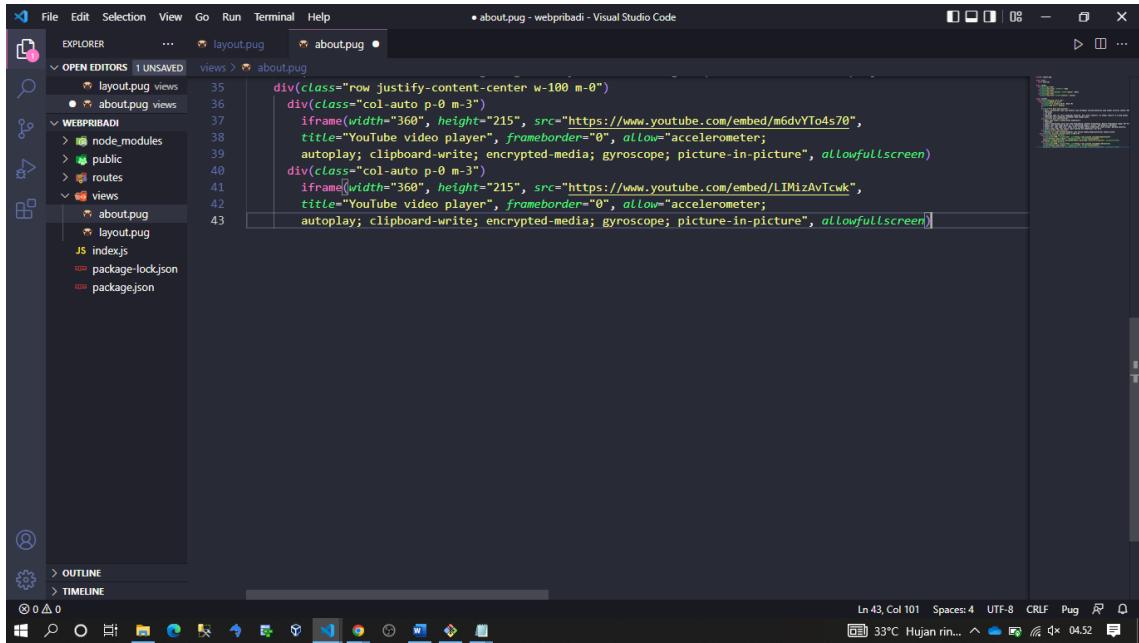
```

File Edit Selection View Go Run Terminal Help
about.pug - webpribadi - Visual Studio Code
OPEN EDITORS 1 UNSAVED
views > about.pug
layout.pug views
about.pug views
WEBPribadi
node_modules
public
routes
views
about.pug
layout.pug
index.js
package-lock.json
package.json

views > about.pug
13
14 block content
15 | div(class="container my-5 p-0")
16 | div(class="jumbotron px-4")
17 | h1(class="fs-2 fw-bold mb-0") About Me
18 | p(class="lead mb-4") Haldian
19 | hr
20 | p(class="fs-5 mb-3 text-justify")
21 | | Hallo, perkenalkan nama saya Haldian saya merupakan seorang mahasiswa yang sangat antusias seekali dengan
22 | | Teknologi
23 | | di mana
24 | | Teknologi saat ini terus mengalami kemajuan, dari mulai industri 1.0 sampai industri 4.0 yang dimana
25 | | Teknologi terus mengalami perubahan yang sangat pesat.
26 | p(class="fs-5 mb-3 text-justify")
27 | | Namun saya sendiri senang dalam mempelajari
28 | | Teknologi
29 | | seperti pemrograman mulai dari Web Programming, Desktop Programming, Mobile Programming sampai IOT Program
30 | | dimana saya juga mampu dalam hal IT Networking Support, Desain, dan Mengelola Database.
31 | | Selain itu, saya juga ulet, tekun serta terampil dalam mengerjakan suatu projek, pantang menyerah,
32 | | selalu ingin tahu, dan selalu ingin mencoba dan mempelajari hal baru.
33 | p(class="fs-5 mb-2 text-justify")
34 | | Berikut ini video tentang mengenai saya ketika sedang mempresentasikan sebuah projek.
35

```

9. Selanjutnya kita buat div yang menyimpan iframe atau api youtube yang menampilkan sebuah vidio, dimana di sini saya mengambil vidio dari youtube seperti gambar di bawah ini



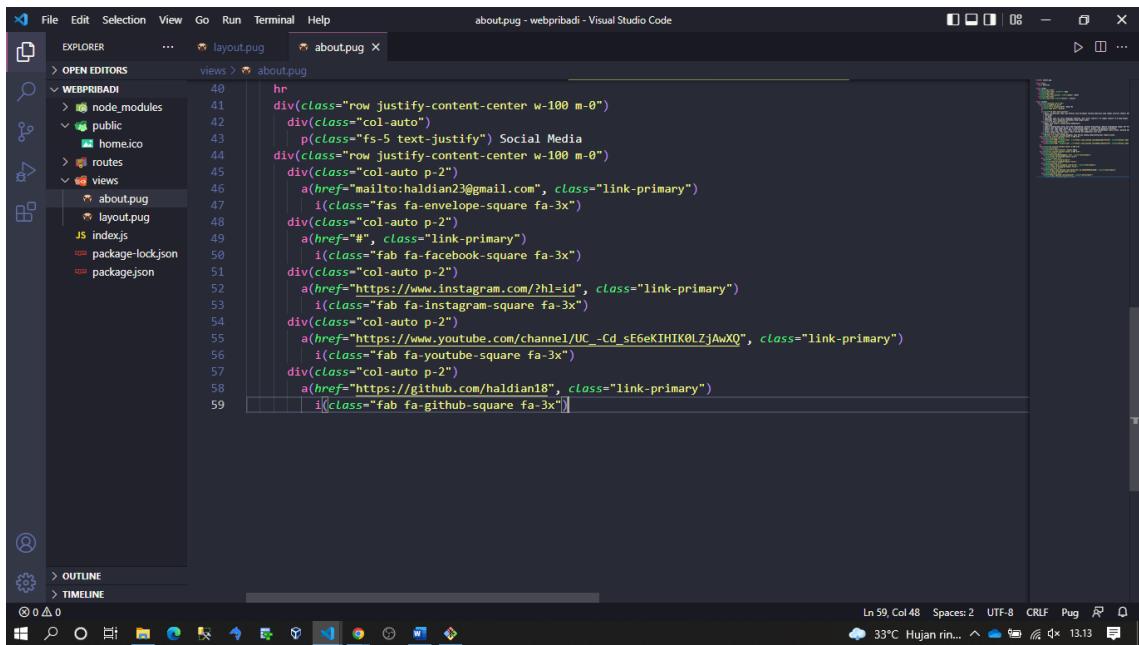
```

File Edit Selection View Go Run Terminal Help
OPEN EDITORS 1 UNSAVED views > about.pug
WEBPRIADI
node_modules
public
routes
views
about.pug
layout.pug
index.js
package-lock.json
package.json

about.pug
35   div(class="row justify-content-center w-100 m-0")
36     div(class="col-auto p-0 m-3")
37       iframe(width="360", height="215", src="https://www.youtube.com/embed/m6dvYt0s70",
38         title="YouTube video player", frameborder="0", allow="accelerometer;
39         autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture", allowfullscreen)
40     div(class="col-auto p-0 m-3")
41       iframe(width="360", height="215", src="https://www.youtube.com/embed/LIMizAvTcwk",
42         title="YouTube video player", frameborder="0", allow="accelerometer;
43         autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture", allowfullscreen)

```

10. Selanjutnya pada aboute kita buat sosial media seperti pada gambar di bawah ini



```

File Edit Selection View Go Run Terminal Help
OPEN EDITORS views > about.pug
WEBPRIADI
public
home.ico
routes
views
about.pug
layout.pug
index.js
package-lock.json
package.json

about.pug
40   hr
41   div(class="row justify-content-center w-100 m-0")
42     div(class="col-auto")
43       p(class="fs-5 text-justify") Social Media
44     div(class="row justify-content-center w-100 m-0")
45       div(class="col-auto p-2")
46         a(href="mailto:haldian23@gmail.com", class="link-primary")
47           i(class="fas fa-envelope-square fa-3x")
48       div(class="col-auto p-2")
49         a(href="#", class="link-primary")
50           i(class="fab fa-facebook-square fa-3x")
51       div(class="col-auto p-2")
52         a(href="https://www.instagram.com/?hl=id", class="link-primary")
53           i(class="fab fa-instagram-square fa-3x")
54       div(class="col-auto p-2")
55         a(href="https://www.youtube.com/channel/UC_Cd_sE6eKIHIC0LZjAwXQ", class="link-primary")
56           i(class="fab fa-youtube-square fa-3x")
57       div(class="col-auto p-2")
58         a(href="https://github.com/haldian18", class="link-primary")
59           i(class="fab fa-github-square fa-3x")

```

## Index

11. Selanjutnya kita buat file indexs pada views seperti gambar di bawah ini

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "WEBPribadi". The "views" folder contains "about.pug", "index.pug", and "layout.pug".
- Editor:** The "index.pug" file is open, showing its content.
- Status Bar:** Shows "Ln 1, Col 1" and "24°C Cerah".

```
index.pug - webpribadi - Visual Studio Code
OPEN EDITORS | UNSAVED
WEBPribadi
  node_modules
  public
  routes
    routes.js
  views
    about.pug
    index.pug
    layout.pug
  index.js
  package-lock.json
  package.json

index.pug
1
```

12. Selanjutnya pada indexs kita buat Blocak navbar sama seperti pada about dengan cara seperti gambar di bawah ini.

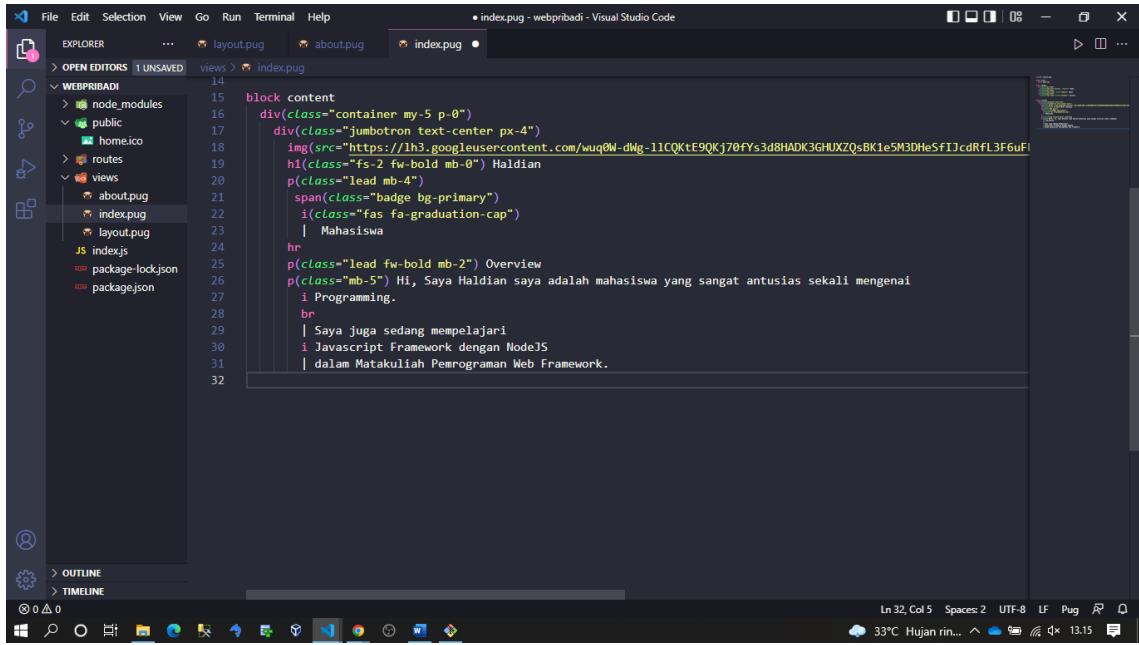
The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "WEBPribadi". The "views" folder contains "about.pug", "index.pug", and "layout.pug".
- Editor:** The "index.pug" file is open, showing Pug code for a navbar.
- Status Bar:** Shows "Ln 14, Col 1" and "27°C Cerah".

```
index.pug - webpribadi - Visual Studio Code
OPEN EDITORS | UNSAVED
WEBPribadi
  node_modules
  public
  routes
    routes.js
  views
    about.pug
    index.pug
    layout.pug
  index.js
  package-lock.json
  package.json

index.pug
1 extends layout.pug
2
3 block title
4   title #{title}
5
6 block navbar
7   li(class="nav-item")
8     a(class="nav-link active", href="/") Home
9   li(class="nav-item")
10    a(class="nav-link", href="/about") About
11   li(class="nav-item")
12     a(class="nav-link" href="/contact") Contact
13
14
```

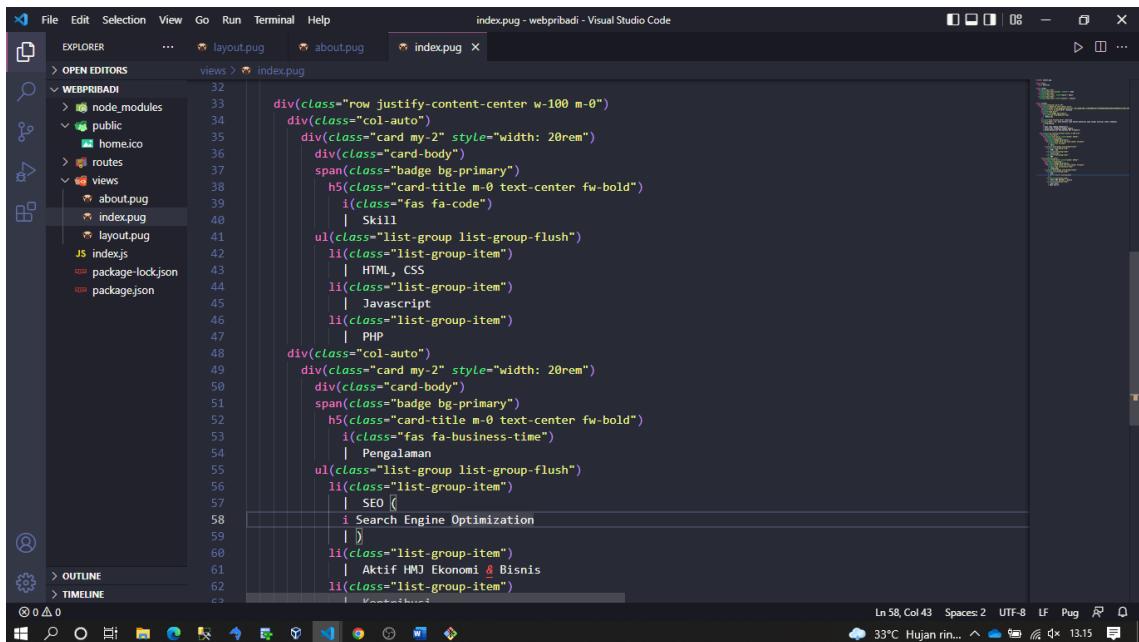
13. Selanjutnya kita buat block content yang di mana terdapat img yang di mana img nya saya ambil dari google photo kemudian saya lakukan pengambilan embed code, lalu saya juga gunakan div, h1, serta p seperti gambar di bawah ini



```
File Edit Selection View Go Run Terminal Help
OPEN EDITORS views index.pug
WEBPRIBADI
node_modules
public
home.ico
routes
views
about.pug
index.pug
layout.pug
index.js
package-lock.json
package.json
index.pug
14
block content
15   div(class="container my-5 p-0")
16     div(class="jumbotron text-center px-4")
17       img(src="https://lh3.googleusercontent.com/wuq8W-dWg-1lCQKtF9QKj70FYs3d8HADK3GHUXZQsBK1e5M3DHeSfIJcdRfL3F6uF")
18         h1(class="fs-2 fw-bold mb-0") Haldian
19         p(class="lead mb-4")
20           span(class="badge bg-primary")
21             i(class="fas fa-graduation-cap")
22             | Mahasiswa
23         hr
24         p(class="lead fw-bold mb-2") Overview
25         p(class="mb-5") Hi, Saya Haldian saya adalah mahasiswa yang sangat antusias sekali mengenai
26           i Programming.
27           br
28           | Saya juga sedang mempelajari
29             i Javascript Framework dengan NodeJS
30             | dalam Matakuliah Pemrograman Web Framework.
31
32
```

Ln 32, Col 5 Spaces: 2 UTF-8 LF Pug ⚡ 33°C Hujan rin... 13:15

14. Selanjutnya di sini kita menggunakan div justify-content untuk membuat card list seperti gambar di bawah ini



```
File Edit Selection View Go Run Terminal Help
OPEN EDITORS views index.pug
WEBPRIBADI
node_modules
public
home.ico
routes
views
about.pug
index.pug
layout.pug
index.js
package-lock.json
package.json
index.pug
32
33   div(class="row justify-content-center w-100 m-0")
34     div(class="col-auto")
35       div(class="card my-2" style="width: 20rem")
36         div(class="card-body")
37           span(class="badge bg-primary")
38             h5(class="card-title m-0 text-center fw-bold")
39               i(class="fas fa-code")
40               | Skill
41             ul(class="list-group list-group-flush")
42               li(class="list-group-item")
43                 | HTML, CSS
44               li(class="list-group-item")
45                 Javascript
46               li(class="list-group-item")
47                 | PHP
48             div(class="col-auto")
49               div(class="card my-2" style="width: 20rem")
50                 div(class="card-body")
51                   span(class="badge bg-primary")
52                     h5(class="card-title m-0 text-center fw-bold")
53                       i(class="fas fa-business-time")
54                         | Pengalaman
55                     ul(class="list-group list-group-flush")
56                       li(class="list-group-item")
57                         | SEO (
58                           i Search Engine Optimization
59                         )
60                       li(class="list-group-item")
61                         | Aktif HMJ Ekonomi & Bisnis
62                       li(class="list-group-item")
```

Ln 58, Col 43 Spaces: 2 UTF-8 LF Pug ⚡ 33°C Hujan rin... 13:15

The screenshot shows the Visual Studio Code interface with the file 'index.pug' open. The code is a Pug template for a landing page. It includes sections for 'Skill', 'HTML, CSS', 'Javascript', 'PHP', 'Pengalaman', 'SEO', 'Aktif HMI Ekonomi & Bisnis', and 'Vantabenius'. The code uses Bootstrap classes like 'row justify-content-center w-100 m-0' and 'col-auto'.

```
div(class="row justify-content-center w-100 m-0")
  div(class="col-auto")
    div(class="card my-2" style="width: 20rem")
      div(class="card-body")
        span(class="badge bg-primary")
          h5(class="card-title m-0 text-center fw-bold")
            i(class="fas fa-code")
            | Skill
        ul(class="list-group list-group-flush")
          li(class="list-group-item")
            | HTML, CSS
          li(class="list-group-item")
            | Javascript
          li(class="list-group-item")
            | PHP
    div(class="col-auto")
      div(class="card my-2" style="width: 20rem")
        div(class="card-body")
          span(class="badge bg-primary")
            h5(class="card-title m-0 text-center fw-bold")
              i(class="fas fa-business-time")
              | Pengalaman
            ul(class="list-group list-group-flush")
              li(class="list-group-item")
                | SEO (
                  i Search Engine Optimization
                )
              li(class="list-group-item")
                | Aktif HMI Ekonomi & Bisnis
            li(class="list-group-item")
              | Vantabenius
```

## Contact

15. Selanjutnya kita buat file contact.pug seperti gambar di bawah ini dimana kita akan membuat halaman contact.

The screenshot shows the Visual Studio Code interface with the file 'contact.pug' open. The file is currently empty, indicated by the number '1' in the title bar. The file is part of a project named 'WEBPRIBADI'.

16. Kemudian pada file contact kita lakukan yang sama yaitu kita extends ke layout.pug serta kita lakukan block navbar seperti gambar di bawah ini.

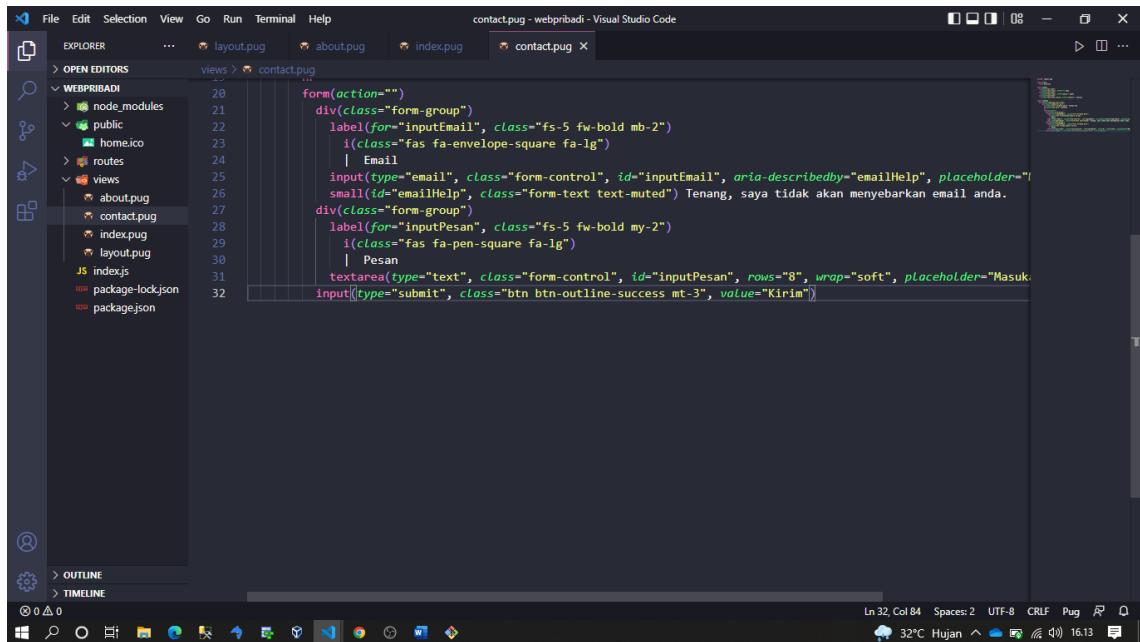


```
File Edit Selection View Go Run Terminal Help • contact.pug - webpribadi - Visual Studio Code
EXPLORER ... layout.pug about.pug index.pug contact.pug
views > contact.pug
1 extends layout.pug
2
3 block title
4   title #{title}
5
6 block navbar
7   li(class="nav-item")
8     a(class="nav-link", href="/") Home
9   li(class="nav-item")
10    a(class="nav-link", href="/about") About
11   li(class="nav-item")
12    a(class="nav-link active" href="/contact") Contact
13
```

17. Selanjutnya kita buat block contact di mana terdapat div, h1 dan p serta hari yang dimana menampilkan h1 p serta hari seperti gambar di bawah ini.

```
13
14 block content
15   div(class="container my-5 p-0")
16     div(class="jumbotron px-4")
17       h1(class="fs-2 fw-bold mb-0") Contact Me
18       p(class="lead mb-4") Haldian
19       hr
```

18. Kemudian selanjutnya kita buat form dengan label input serta textarea yang di mana berfungsi untuk memasukan email dan pesan serta button kirim seperti gambar di bawah ini



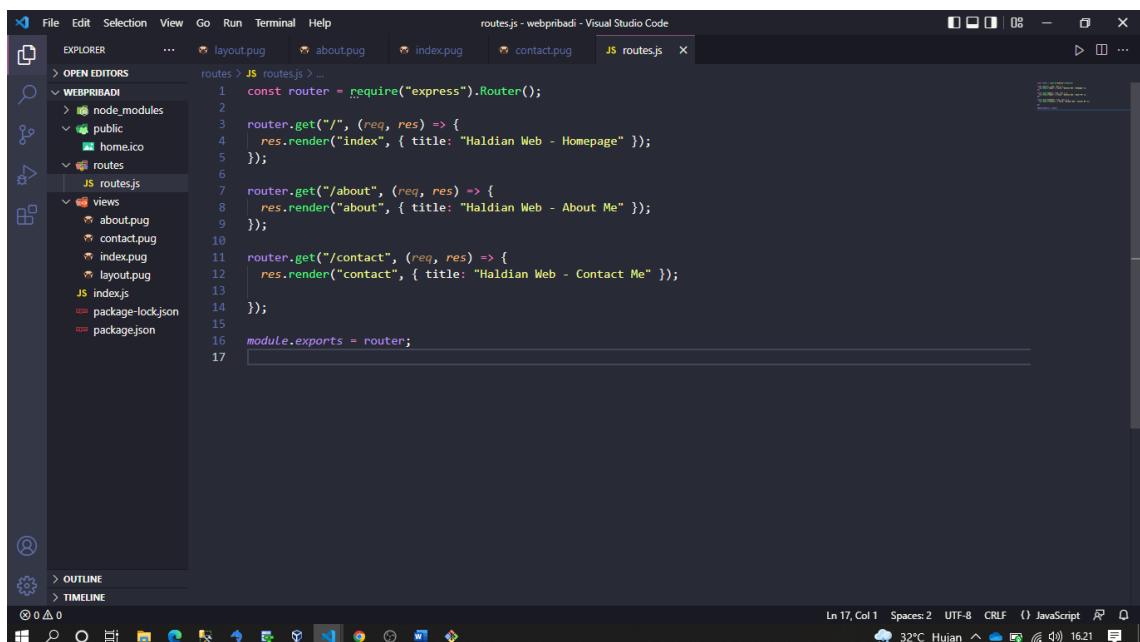
```

File Edit Selection View Go Run Terminal Help contact.pug - webpribadi - Visual Studio Code
OPEN EDITORS layout.pug about.pug index.pug contact.pug
WEBPribadi
> node_modules
views > contact.pug
20
21
22
23
24
25
26
27
28
29
30
31
32
form(action="")
  div(class="form-group")
    label(for="inputEmail", class="fs-5 fw-bold mb-2")
      i(class="fas fa-envelope-square fa-lg")
      | Email
    input(type="email", class="form-control", id="inputEmail", aria-describedby="emailHelp", placeholder="")
    small(id="emailHelp", class="form-text text-muted") Tenang, saya tidak akan menyebarkan email anda.
  div(class="form-group")
    label(for="inputPesan", class="fs-5 fw-bold my-2")
      i(class="fas fa-pen-square fa-lg")
      | Pesan
    textarea(type="text", class="form-control", id="inputPesan", rows="8", wrap="soft", placeholder="Masukkan pesan anda")
    input(type="submit", class="btn btn-outline-success mt-3", value="Kirim")
Ln 32, Col 84 Spaces: 2 UTF-8 CRLF Pug
32°C Hujan 16.13

```

## Step #6. Routes

1. Selanjutnya disini kita buat sebuah routes yang di mana routes sendiri ini berfungsi untuk penghubung antara request (permintaan) dan action (aksi) di mana ketika user meminta request maka applikasi akan memberikan aksinya seperti gambar di bawah ini.



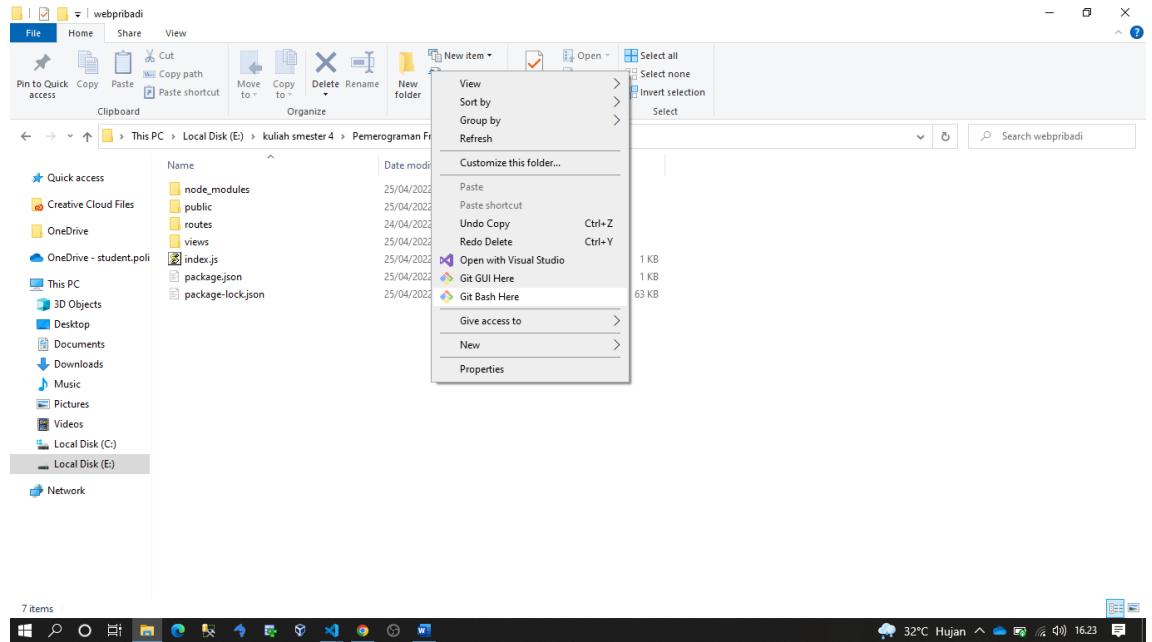
```

File Edit Selection View Go Run Terminal Help routes.js - webpribadi - Visual Studio Code
OPEN EDITORS routes > JS routes.js ...
WEBPribadi
> node_modules
views > contact.pug
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
const router = require("express").Router();
router.get("/", (req, res) => {
  res.render("index", { title: "Haldian Web - Homepage" });
});
router.get("/about", (req, res) => {
  res.render("about", { title: "Haldian Web - About Me" });
});
router.get("/contact", (req, res) => {
  res.render("contact", { title: "Haldian Web - Contact Me" });
});
module.exports = router;
Ln 17, Col 1 Spaces: 2 UTF-8 CRLF JavaScript 32°C Hujan 16.21

```

## Step #7. Testting

- Pertama kita masuk ke dalam folder kita kemudian kita klik kanan dan pilih gitbash here seperti gambar di bawah ini.

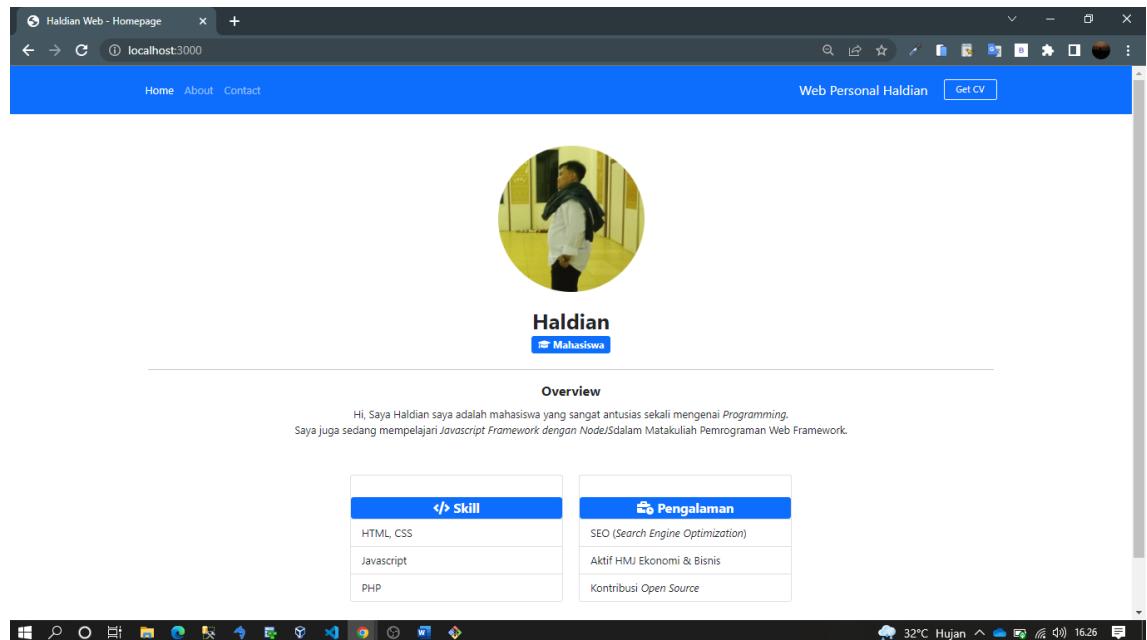


- Kedua setelah gitbash terbuka maka selanjutnya kita ketikan node index.js seperti gambar di bawah ini di mana kita akan menjalankan server kita. Yang di mana di sini server saya runing pada port 3000.

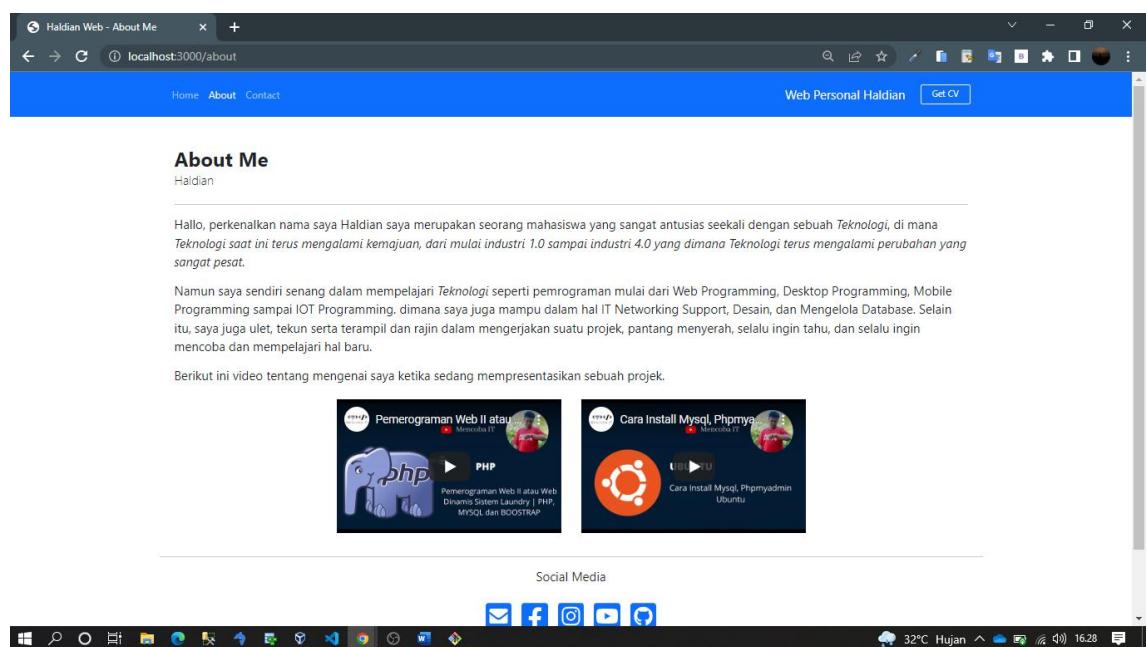
```
MINGW64/e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
$ node index.js
server starting at port : 3000
```

The terminal window has a black background with white text. The status bar at the bottom shows '32°C Hujan 16.23'.

3. Ketika kita ketikan localhost:3000 pada web browser kita jika berhasil maka akan langsung menuju halaman Home seperti gambar di bawah ini.



4. Kemepat di sini kita masuk ke dalam about untuk mengecek apakah about yang kita buat sudah berhasil atau belum, jika sudah maka akan seperti gambar di bawah ini.



5. Kelima kita cek juga pada contact kita jika berhasil maka akan seperti gambar di bawah ini

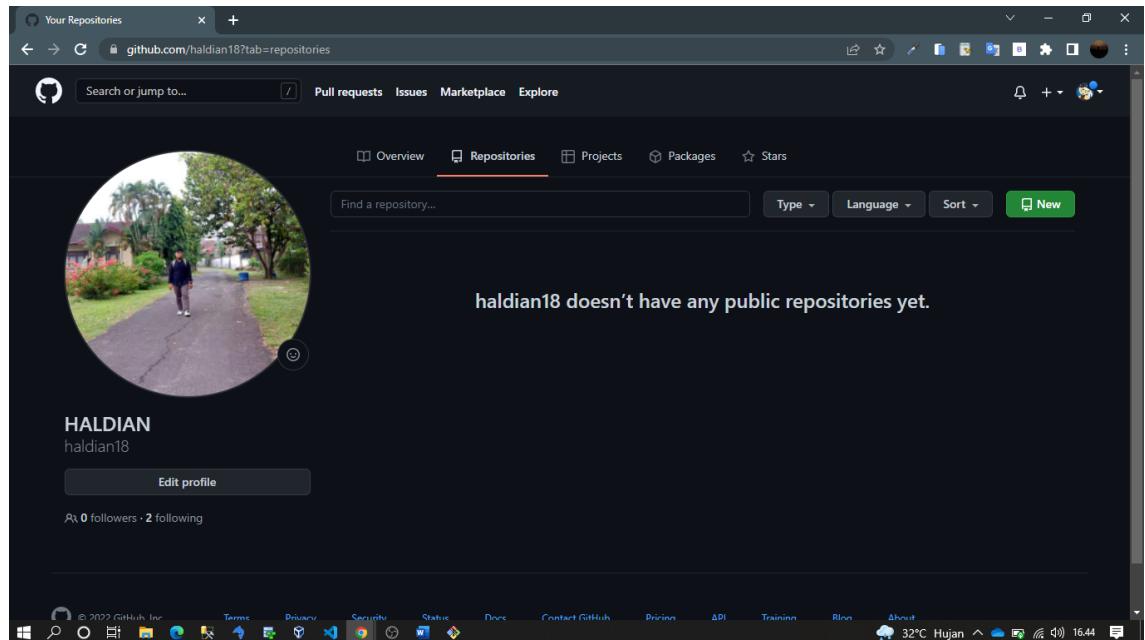
The screenshot shows a web browser window with the title bar 'Haldian Web - Contact Me'. The address bar says 'localhost:3000/contact'. The page has a blue header with 'Home', 'About', and 'Contact' links. On the right, there's a button 'Web Personal Haldian' and a link 'Get CV'. The main content area is titled 'Contact Me' and has a sub-header 'Haldian'. It contains two input fields: one for 'Email' with placeholder 'Masukan email' and a note 'Tenang, saya tidak akan menyebarkan email anda.'; and another for 'Pesan' with placeholder 'Masukan pesan atau komentar'. A green 'Kirim' button is at the bottom. The status bar at the bottom of the browser shows 'Copyright © 2022. Haldian'.

6. Kemudian kita cek juga pada button cv kita jika berhasil maka dia akan menuju cv kita seperti gambar di bawah ini.

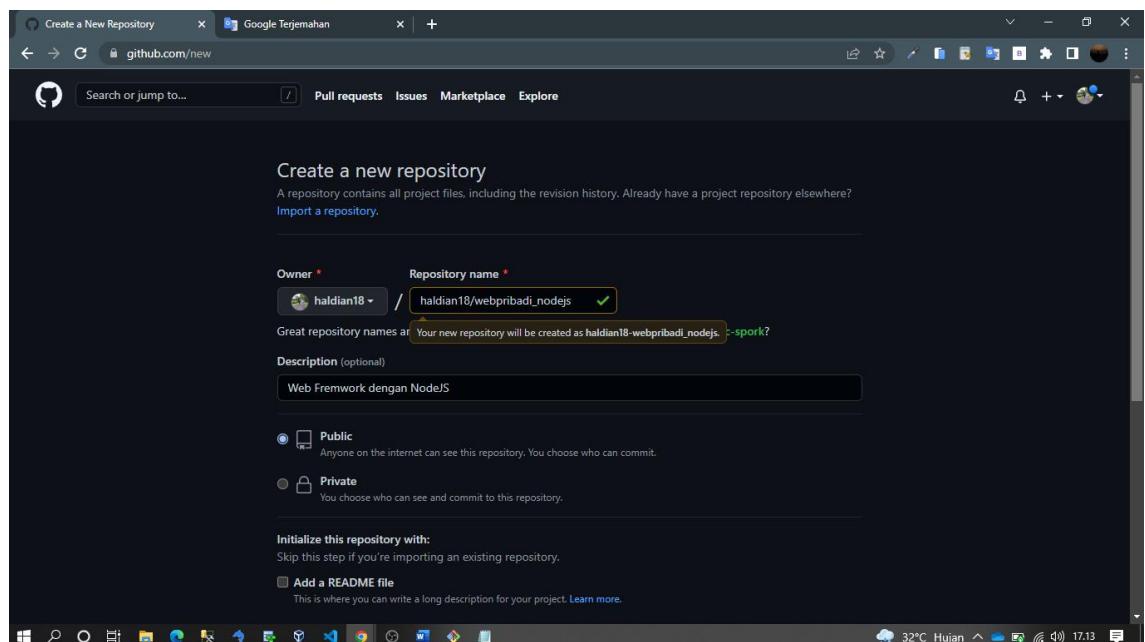
The screenshot shows a web browser displaying a PDF document titled 'CURRICULUM VITAE Haldian'. The document features a profile picture of a man in a suit. The main sections include 'Contact' (listing Belambangan, Penengah, Kab. Lampung Selatan, phone 088269034982, email haldian23@gmail.com, LinkedIn, YouTube channel), 'Profile' (a paragraph about the author's interests in Networking, Systemadmin, and Programming), 'Key Skills' (Linux, Cisco, Microsoft, Halaman, Programming), and 'Experience' (a section for 'January – April 2019'). The status bar at the bottom of the browser shows 'Copyright © 2022. Haldian'.

## Step #8. Upload Github

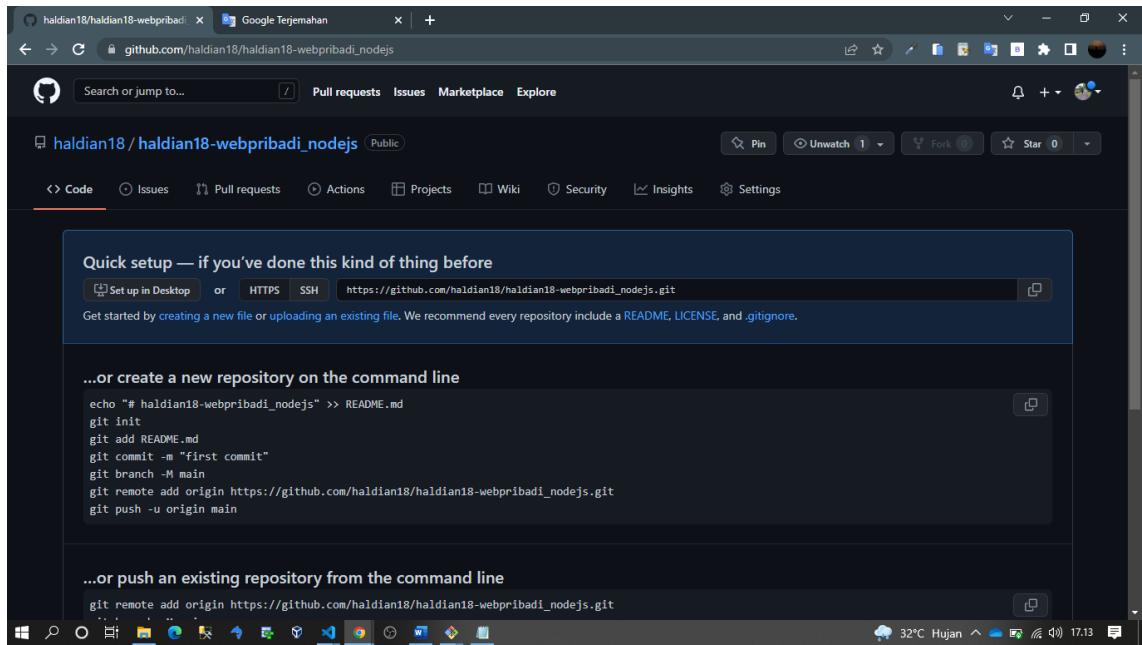
- Pertama kita masuk terlebih dahulu ke akun github kita seperti gambar di bawah ini



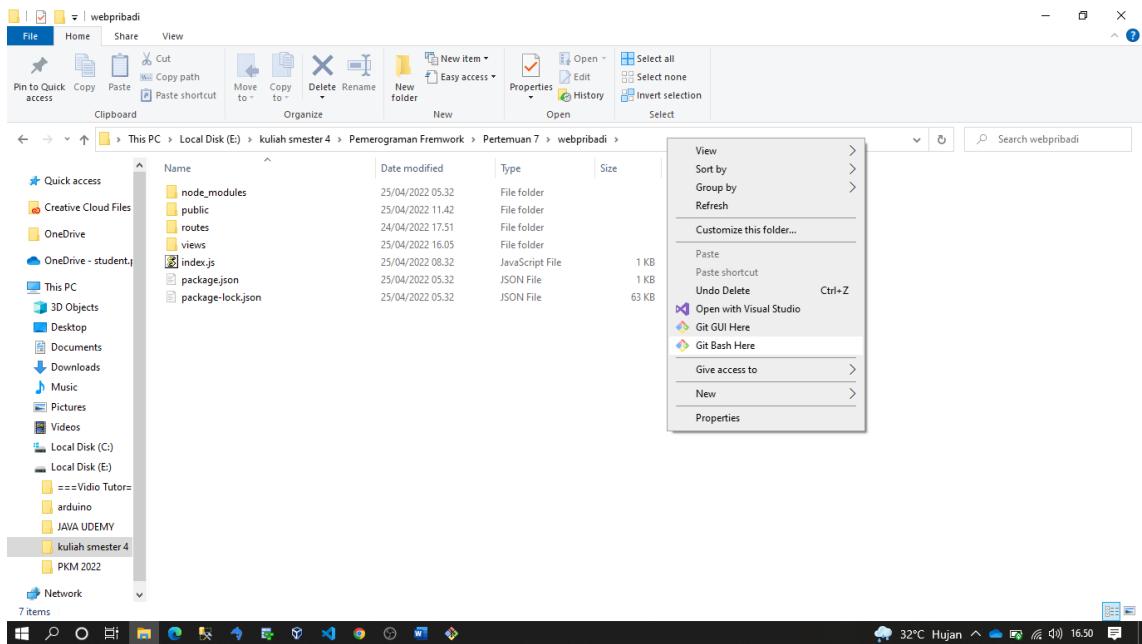
- Kedua kita masuk ke repository dengan new, lalu kita berikan nama repository dan description seperti gambar di bawah ini.



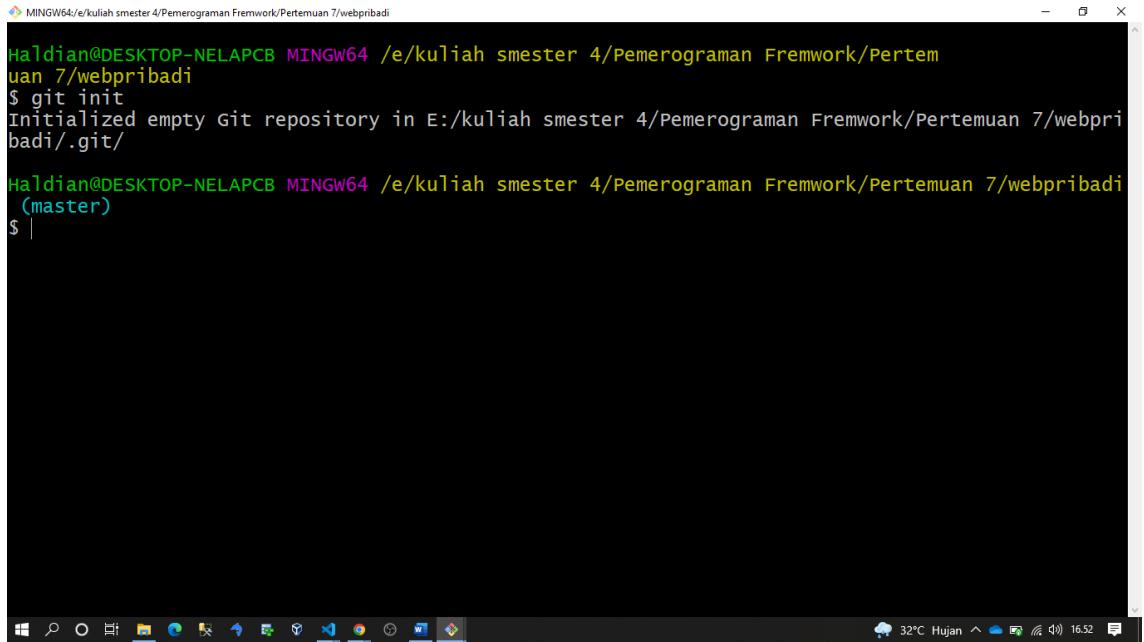
3. Maka akan seperti gambar di bawah ini.



4. Selanjutnya kita masuk ke folder kita kemudian kita klik kanan pilih gitbash here seperti gambar di bawah ini.

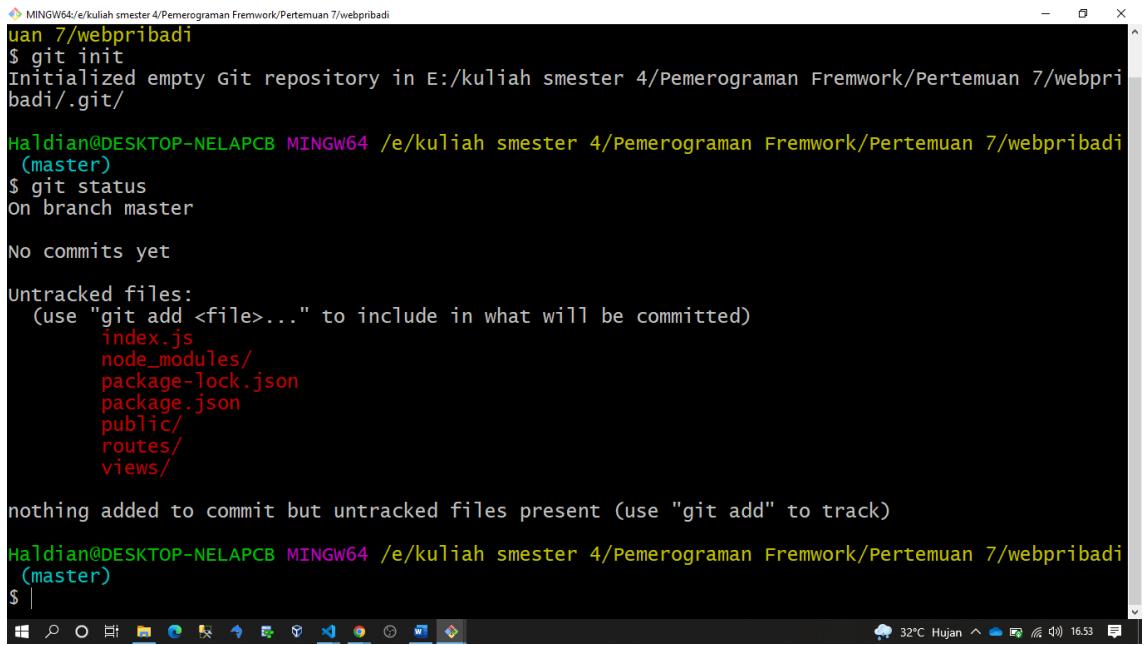


5. Pertama kita lakukan git init untuk inisialisasi seperti gambar di bawah ini



```
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
$ git init
Initialized empty Git repository in E:/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi/.git/
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
(master)
$ |
```

6. Kemudian kita git status untuk mengecek status nya di mana di sini terdapat index.js, node\_modules, package-lock.json, package.json, public, routes, serta views seperti gambar di bawah ini.



```
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
$ git init
Initialized empty Git repository in E:/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi/.git/
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
(master)
$ git status
On branch master

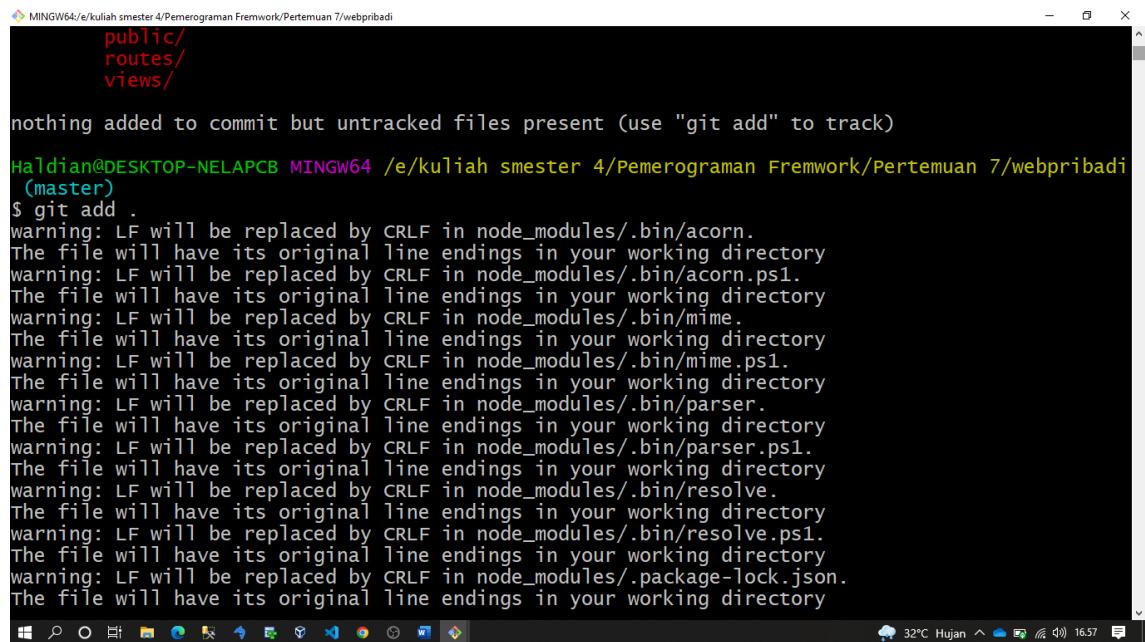
No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    index.js
    node_modules/
    package-lock.json
    package.json
    public/
    routes/
    views/

nothing added to commit but untracked files present (use "git add" to track)

Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
(master)
$ |
```

5. Kemudian kita git add . untuk memasukan semua file dan folder nya seperti gambar di bawah ini

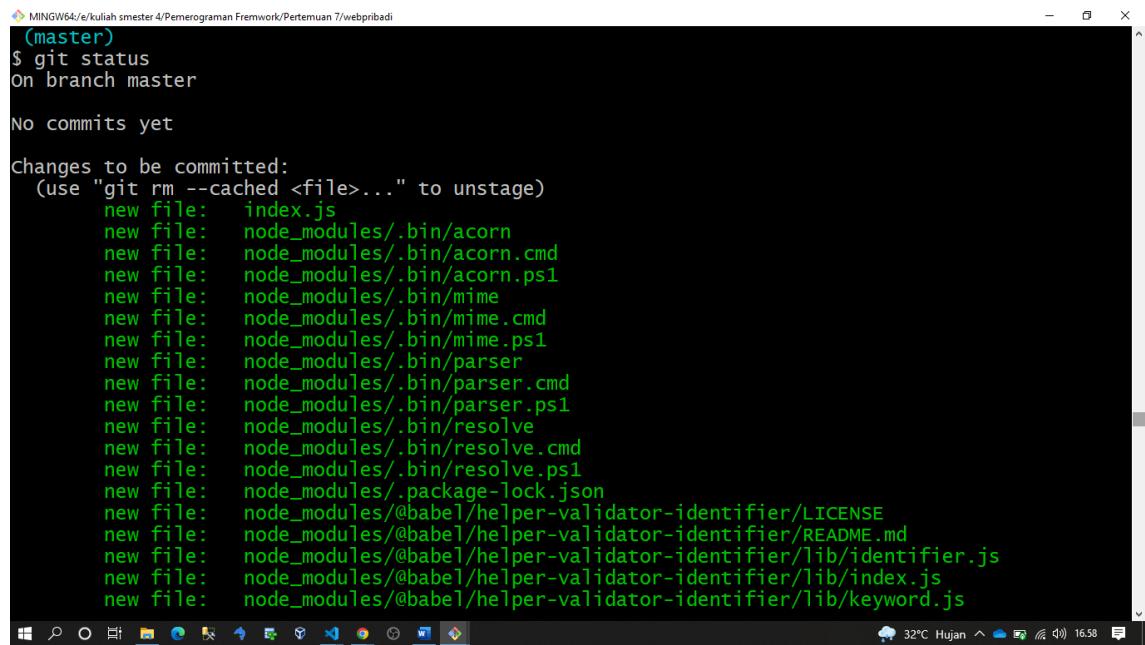


```
MINGW64:/e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
public/
routes/
views/

nothing added to commit but untracked files present (use "git add" to track)

Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
(master)
$ git add .
warning: LF will be replaced by CRLF in node_modules/.bin/acorn.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in node_modules/.bin/acorn.ps1.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in node_modules/.bin/mime.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in node_modules/.bin/mime.ps1.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in node_modules/.bin/parser.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in node_modules/.bin/parser.ps1.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in node_modules/.bin/resolve.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in node_modules/.bin/resolve.ps1.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in node_modules/.package-lock.json.
The file will have its original line endings in your working directory
```

6. Selanjutnya kita git status kembali jika berwarna hijau seperti gambar di bawah ini maka sudah berhasil kita add



```
MINGW64:/e/kuliah smester 4/Pemrograman Fremwork/Pertemuan 7/webpribadi
(master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   index.js
    new file:   node_modules/.bin/acorn
    new file:   node_modules/.bin/acorn.cmd
    new file:   node_modules/.bin/acorn.ps1
    new file:   node_modules/.bin/mime
    new file:   node_modules/.bin/mime.cmd
    new file:   node_modules/.bin/mime.ps1
    new file:   node_modules/.bin/parser
    new file:   node_modules/.bin/parser.cmd
    new file:   node_modules/.bin/parser.ps1
    new file:   node_modules/.bin/resolve
    new file:   node_modules/.bin/resolve.cmd
    new file:   node_modules/.bin/resolve.ps1
    new file:   node_modules/.package-lock.json
    new file:   node_modules/@babel/helper-validator-identifier/LICENSE
    new file:   node_modules/@babel/helper-validator-identifier/README.md
    new file:   node_modules/@babel/helper-validator-identifier/lib/identifier.js
    new file:   node_modules/@babel/helper-validator-identifier/lib/index.js
    new file:   node_modules/@babel/helper-validator-identifier/lib/keyword.js
```

7. Selanjutnya kita git commit -m "Project webpribadi" jika seperti gambar di bawah ini artinya kita perlu melakukan configur email dan user secara manual

```
MINGW64:/e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ 

Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ 

Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ 
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ git commit -m "Project webPribadi"
Author identity unknown
*** Please tell me who you are.

Run
    git config --global user.email "you@example.com"
    git config --global user.name "Your Name"

to set your account's default identity.
omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'Haldian@DESKTOP-NELAPCB.(none)')

32°C Hujan 17:20
```

8. Melakukan git config – global untuk email dan name seperti gambar di bawah ini.

```
MINGW64:/e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
to set your account's default identity.
omit --global to set the identity only in this repository.

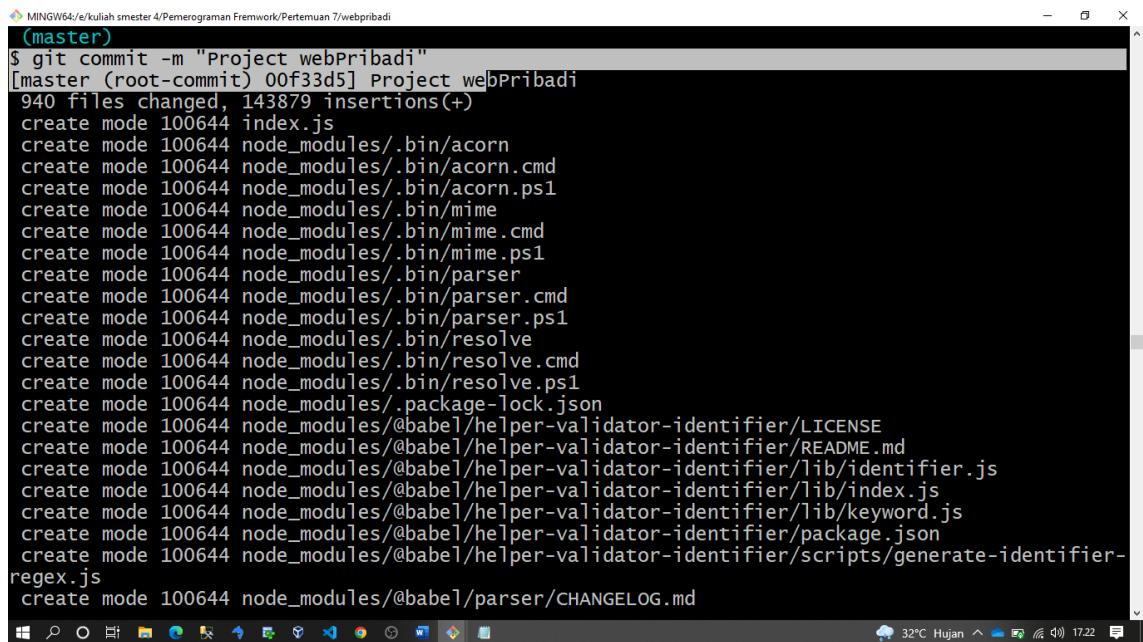
fatal: unable to auto-detect email address (got 'Haldian@DESKTOP-NELAPCB.(none)')

Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ ^C

Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ git config --global user.email "haldian23@gmail.com"
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ git config --global user.name "Haldian"
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ 

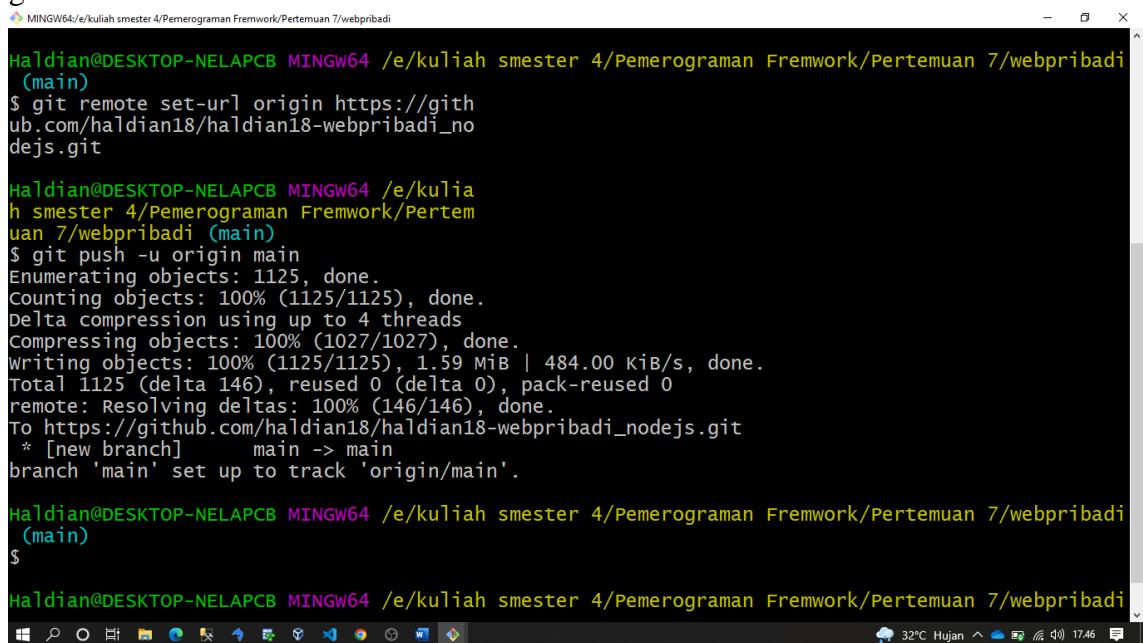
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemrograman Framework/Pertemuan 7/webpribadi
(master)
$ 
```

9. Selanjutnya kita git commit kembali jika berhasil maka seperti gambar di bawah ini.



```
MINGW64:/e/kuliah smester 4/Pemerograman Fremwork/Pertemuan 7/webpribadi
(master)
$ git commit -m "Project webPribadi"
[master (root-commit) 00f33d5] Project webPribadi
 940 files changed, 143879 insertions(+)
 create mode 100644 index.js
 create mode 100644 node_modules/.bin/acorn
 create mode 100644 node_modules/.bin/acorn.cmd
 create mode 100644 node_modules/.bin/acorn.ps1
 create mode 100644 node_modules/.bin/mime
 create mode 100644 node_modules/.bin/mime.cmd
 create mode 100644 node_modules/.bin/mime.ps1
 create mode 100644 node_modules/.bin/parser
 create mode 100644 node_modules/.bin/parser.cmd
 create mode 100644 node_modules/.bin/parser.ps1
 create mode 100644 node_modules/.bin/resolve
 create mode 100644 node_modules/.bin/resolve.cmd
 create mode 100644 node_modules/.bin/resolve.ps1
 create mode 100644 node_modules/.package-lock.json
 create mode 100644 node_modules/@babel/helper-validator-identifier/LICENSE
 create mode 100644 node_modules/@babel/helper-validator-identifier/README.md
 create mode 100644 node_modules/@babel/helper-validator-identifier/lib/identifier.js
 create mode 100644 node_modules/@babel/helper-validator-identifier/lib/index.js
 create mode 100644 node_modules/@babel/helper-validator-identifier/lib/keyword.js
 create mode 100644 node_modules/@babel/helper-validator-identifier/package.json
 create mode 100644 node_modules/@babel/helper-validator-identifier/scripts/generate-identifier-regex.js
 create mode 100644 node_modules/@babel/parser/CHANGELOG.md
```

10. Kemudian kita git remote set-url origin serta kita git push -u origin seperti gambar di bawah ini

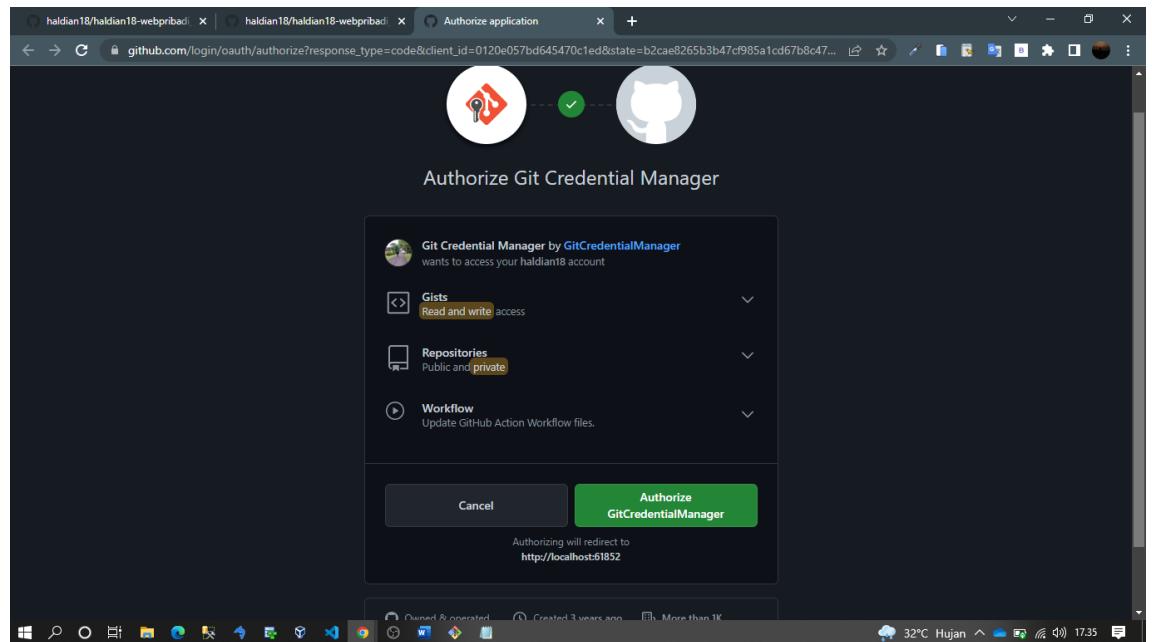


```
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemerograman Fremwork/Pertemuan 7/webpribadi
(main)
$ git remote set-url origin https://github.com/haldian18/haldian18-webpribadi_nodejs.git

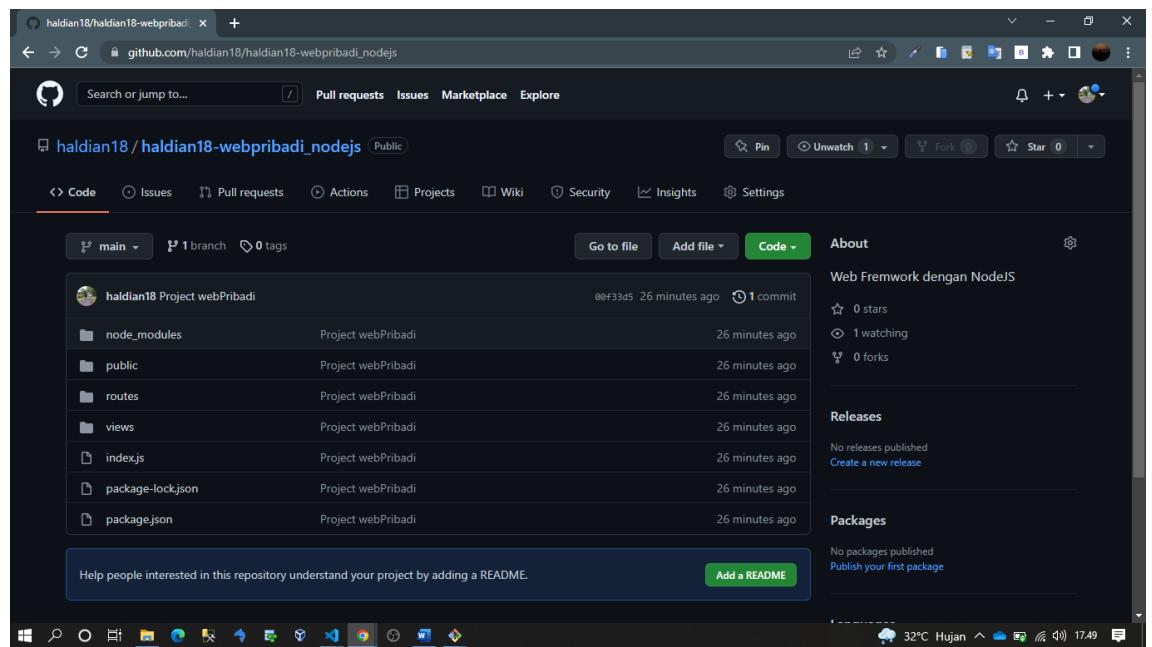
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemerograman Fremwork/Pertemuan 7/webpribadi
(main)
$ git push -u origin main
Enumerating objects: 1125, done.
Counting objects: 100% (1125/1125), done.
Delta compression using up to 4 threads
Compressing objects: 100% (1027/1027), done.
Writing objects: 100% (1125/1125), 1.59 MiB | 484.00 KiB/s, done.
Total 1125 (delta 146), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (146/146), done.
To https://github.com/haldian18/haldian18-webpribadi_nodejs.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4/Pemerograman Fremwork/Pertemuan 7/webpribadi
(main)
$
```

11. Setelah itu kita masuk dalam authorize git lalu authorize seperti gambar di bawah ini

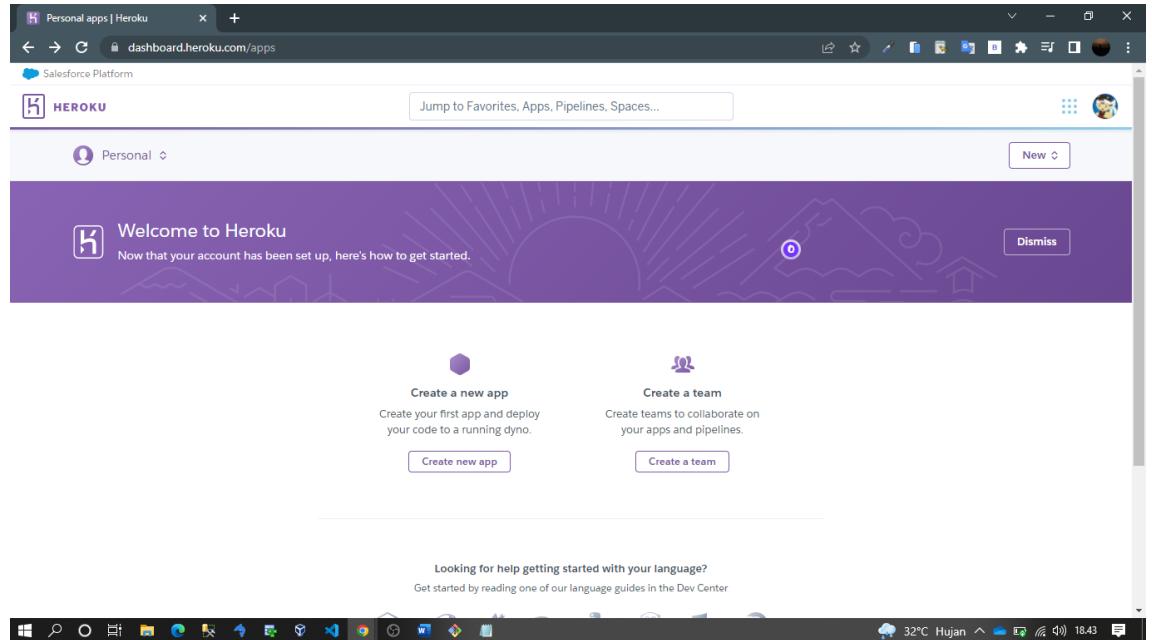


12. Setelah itu kita masuk ke dalam github kita kembali dan kita refresh maka data kita sudah berhasil kita upload ke github seperti gambar di bawah ini.

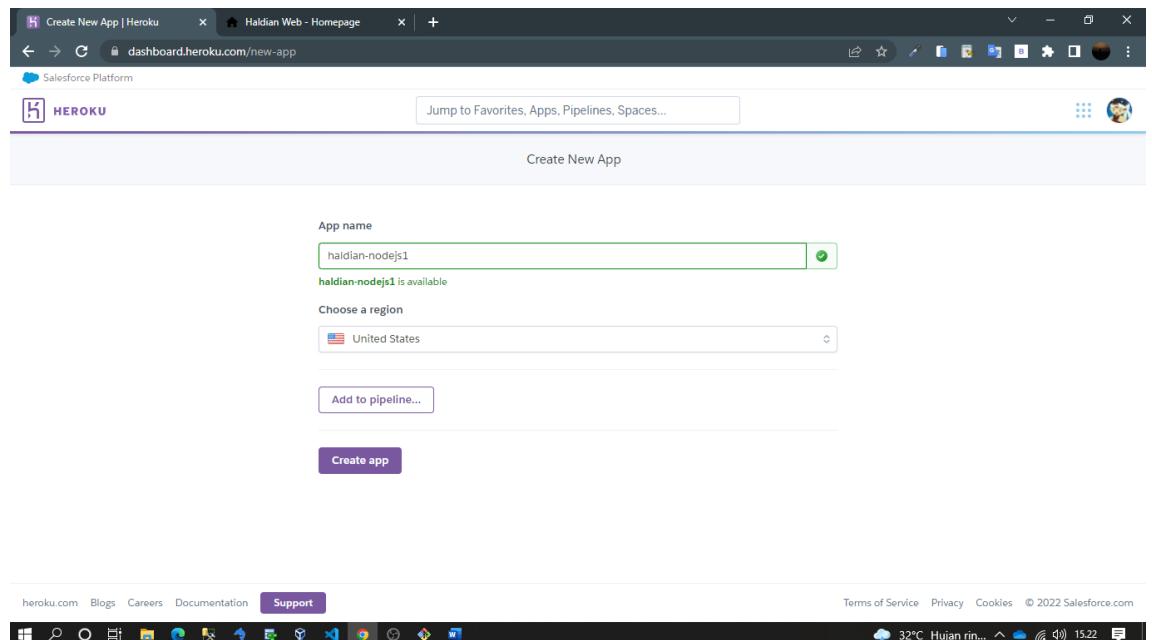


## Step #9. Upload Heroku

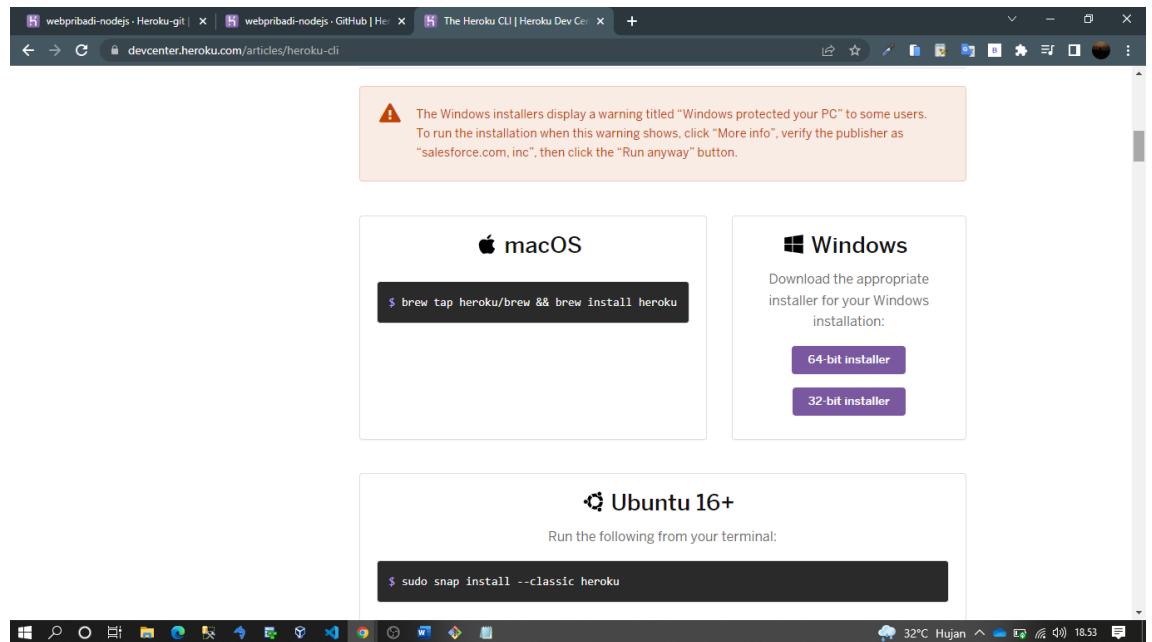
- Pertama kita masuk heroku kemudian kita daftar dengan email kita setelah itu kita masuk ke dalam halaman heroku seperti gambar di bawah ini.



- Selanjutnya kita create new app lalu kita masukan nama app kita dan region setelah itu kita create app seperti gambar di bawah ini.



3. Selanjutnya kita download heroku cli untuk di windows di sini saya gunakan 64 bit seperti gambar di bawah ini

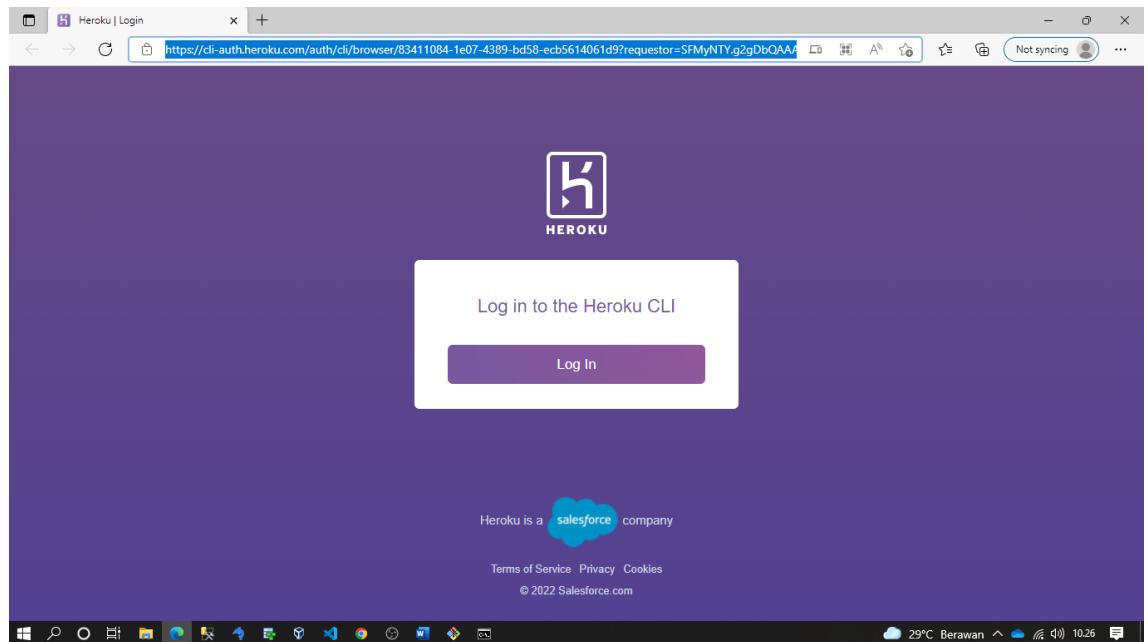


4. Kemudian selanjutnya di sini kita masuk ke console dan kita ketikan heroku login maka seperti gambar di bawah ini.

```
C:\WINDOWS\system32\cmd.exe - heroku login
Microsoft Windows [Version 10.0.19042.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Haldian>E:
E:\>CD kuliah smester 4\Pemrograman Fremwork\Pertemuan 7\webprabadi
E:\kuliah smester 4\Pemrograman Fremwork\Pertemuan 7\webprabadi>heroku login
  Warning: heroku update available from 7.53.0 to 7.56.1.
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/83411084-1e07-4389-bd58-ecb5614061d9?requestor=SFMyNTY.g2gDbQAAA0xODU
heroku: Waiting for login... |
```

5. Selanjutnya kita akan di bawa ke halaman web login heroku seperti gambar di bawah ini lallau kita klik login.



6. Selanjutnya jika sudah klik login maka di konsol kita akan menampilkan setatus loged dengan email yang kita daftarkan pada heroku seperti gambar di bawah ini.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Haldian>E:

E:\>CD kuliah smester 4\Pemrograman Fremwork\Pertemuan 7\webpribadi

E:\kuliah smester 4\Pemrograman Fremwork\Pertemuan 7\webpribadi>heroku login
» Warning: heroku update available from 7.53.0 to 7.60.1.
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/83411084-1e07-4389-bd58-ecb5614061d9?requestor=SFMyNTY.g2gDbQAAA0xODIu
DeyOc09Vud9IAtoHHP09JAq5V5GqixG0dKT9z75K4
Logging in... done
Logged in as haldian23@gmail.com

E:\kuliah smester 4\Pemrograman Fremwork\Pertemuan 7\webpribadi>git init
Reinitialized existing Git repository in E:/kuliah smester 4\Pemrograman Fremwork\Pertemuan 7/webpribadi/.git/
E:\kuliah smester 4\Pemrograman Fremwork\Pertemuan 7\webpribadi>
```

The screenshot shows a Windows Command Prompt window titled 'cmd.exe'. The command 'heroku login' was run, which prompted the user to open a browser to log in. The command prompt then showed the URL 'https://cli-auth.heroku.com/auth/cli/browser/83411084-1e07-4389-bd58-ecb5614061d9?requestor=SFMyNTY.g2gDbQAAA0xODIuDeyOc09Vud9IAtoHHP09JAq5V5GqixG0dKT9z75K4'. After pressing a key to open the browser, the command prompt displayed the message 'Logging in... done' and 'Logged in as haldian23@gmail.com'. The taskbar at the bottom shows various pinned icons and the system tray indicates the date and time as 10.27.

7. Selanjutnya kita git init dan git ramote seperti gambar di bawah ini

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Haldian>E:

E:\>CD kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi

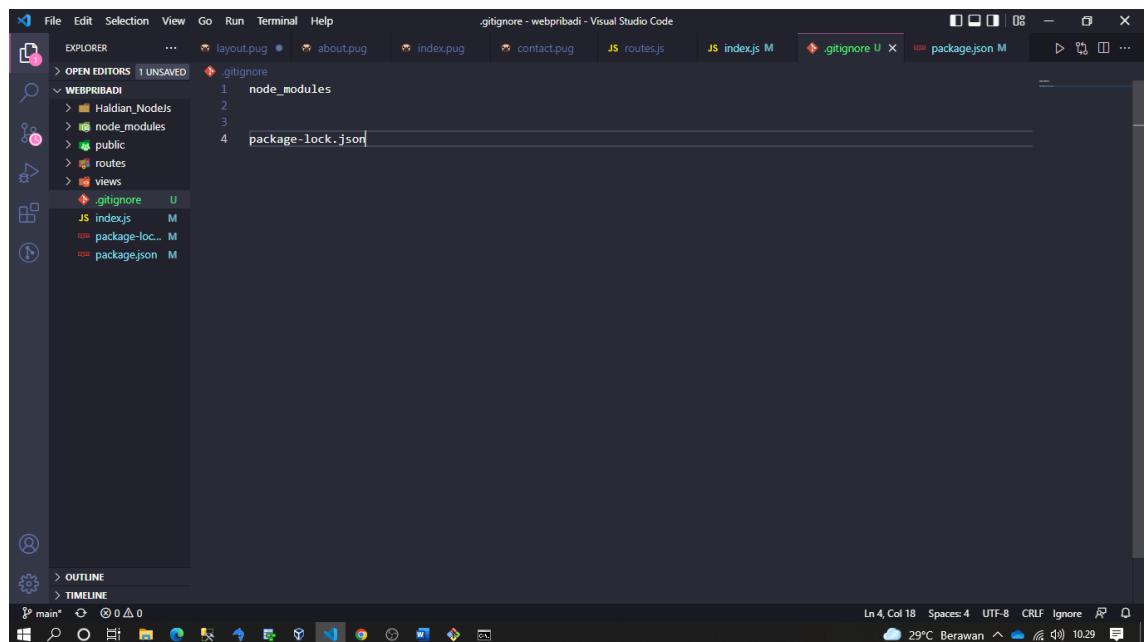
E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>heroku login
» Warning: heroku update available from 7.53.0 to 7.60.1.
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.herokuapp.com/auth/cli/browser/83411084-1e07-4389-bd58-ecb5614061d9?requestor=SFMyNTY.g2gDbQAAA0xODIu
DeyOc9Vud9IAtoHHVP09JAq5VGqixG0dT9z75K4
Logging in... done
Logged in as haldian23@gmail.com

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>git init
Reinitialized existing Git repository in E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi/.git/

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>heroku git:remote -a haldianjs
» Warning: heroku update available from 7.53.0 to 7.60.1.
set git remote heroku to https://git.heroku.com/haldianjs.git

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>
```

8. Selanjutnya kita buat 1buah file baru dengan nama .gitignore seperti di bawah ini di mana kita tidak akan mengupload semua file seperti node\_module dan package-lock.json



## 9. Selanjutnya kita lakukan git add . seperti gambar di bawah ini

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.1645]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Haldian>E:
E:\>CD kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi
E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>heroku login
» Warning: heroku update available from 7.53.0 to 7.60.1.
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.herokuapp.com/auth/cli/browser/83411084-1e07-4389-bd58-ecb5614061d9?requestor=SFMyNTY.g2gDbQAAA0xODIuMy4xhDUUUMTE2bgYAcATnY4ABYgABUYA.bDeyOc09Vud9IAAt0HHVP09JAq5V5GqiXG0dKT9z75K4
Logging in... done
Logged in as haldian23@gmail.com

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>git init
Reinitialized existing Git repository in E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi/.git/

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>heroku git:remote -a haldiannjs
» Warning: heroku update available from 7.53.0 to 7.60.1.
set git remote heroku to https://git.heroku.com/haldiannjs.git

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>git add .
warning: LF will be replaced by CRLF in node_modules/.package-lock.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in package-lock.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in package.json.
The file will have its original line endings in your working directory

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>
```

## 10. Setelah kita git add. Kemudian kita lakukan git status untuk mengecek statusnya seperti gambar di bawah ini

```
C:\WINDOWS\system32\cmd.exe
uMy4xhDUUUMTE2bgYAcATnY4ABYgABUYA.bDeyOc09Vud9IAAt0HHVP09JAq5V5GqiXG0dKT9z75K4
Logging in... done
Logged in as haldian23@gmail.com

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>git init
Reinitialized existing Git repository in E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi/.git/

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>heroku git:remote -a haldiannjs
» Warning: heroku update available from 7.53.0 to 7.60.1.
set git remote heroku to https://git.heroku.com/haldiannjs.git

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>git add .
warning: LF will be replaced by CRLF in node_modules/.package-lock.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in package-lock.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in package.json.
The file will have its original line endings in your working directory

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore
    modified:   index.js
    modified:   package-lock.json
    modified:   package.json

E:\kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>
```

## 11. Selanjutnya kita lakukan git commid seperti gambar di bawah ini

```
C:\WINDOWS\system32\cmd.exe
Reinitialized existing Git repository in E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi/.git/
E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>heroku git:remote -a haldiannjs
» Warning: heroku update available from 7.53.0 to 7.60.1.
set git remote heroku to https://git.heroku.com/haldiannjs.git

E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>git add .
warning: LF will be replaced by CRLF in node_modules/.package-lock.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in package-lock.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in package.json.
The file will have its original line endings in your working directory

E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore
    modified:   index.js
    modified:   package-lock.json
    modified:   package.json

E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi> git commit -m "init"
[main 6a10495] init
 4 files changed, 10 insertions(+), 5 deletions(-)
 create mode 100644 .gitignore

E:/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi>
```

## 12. Selanjutnya kita lakukan push heroku master maka akan seperti gambar di bawah ini di mana kita berhasil mengupload data kita ke heroku.

```
MINGW64/e/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi
Haldian@DESKTOP-NELAPCB MINGW64 /e/kuliah smester 4\Pemrograman Framework\Pertemuan 7\webpribadi (master)
$ git push heroku master
Total 0 (delta 0), reused 0 (delta 0), pack-reused
 0
remote: Compressing source files... done.
remote: Building source:
remote:
remote: ----> Building on the Heroku-20 stack
remote: ----> Using buildpack: https://github.com/heroku/heroku-buildpack-nodejs
remote: ----> Node.js app detected
remote:
remote: ----> Creating runtime environment
remote:
remote:       NPM_CONFIG_LOGLEVEL=error
remote:       NODE_VERBOSE=false
remote:       NODE_ENV=production
remote:       NODE_MODULES_CACHE=true
remote:
remote: ----> Installing binaries
remote:       engines.node (package.json): 14.x
remote:       engines.npm (package.json): unspecified (use default)
remote:
remote:         Resolving node version 14.x...
remote:         Downloading and installing node 14.19.1...
remote:           Using default npm version: 6.14.16
remote:
remote: ----> Installing dependencies
remote:       Prebuild detected (node_modules alr
```

13. Selanjutnya kita lihat pada overview maka statusnya Build succeeded seperti gambar di bawah ini.

The screenshot shows the Heroku dashboard for the 'haldian-nodejs' application. At the top, there's a header with the Heroku logo and navigation links for Overview, Resources, Deploy, Metrics, Activity, Access, and Settings. Below this, the 'Installed add-ons' section shows '\$0.00/month' and a button to 'Configure Add-ons'. It also displays a message: 'There are no add-ons for this app' and 'You can add add-ons to this app and they will show here. [Learn more](#)'. The 'Dyno formation' section shows '\$0.00/month' and a button to 'Configure Dynos', with the note 'This app is using free dynos'. To the right, the 'Latest activity' section lists recent events: 'haldian23@gmail.com: Deployed' (at 1:59 PM), 'haldian23@gmail.com: Build succeeded' (at 1:59 PM with a link to 'View build log'), and 'haldian23@gmail.com: Set DISABLE\_COLLECTSTATIC config var' (at 1:34 PM).

14. Selanjutnya untuk memastikan kita cek pada View build log activiti maka akan seperti gambar di bawah ini.

The screenshot shows the Heroku dashboard for the 'haldian-nodejs' application, specifically the 'Build Log' section. The log output is as follows:

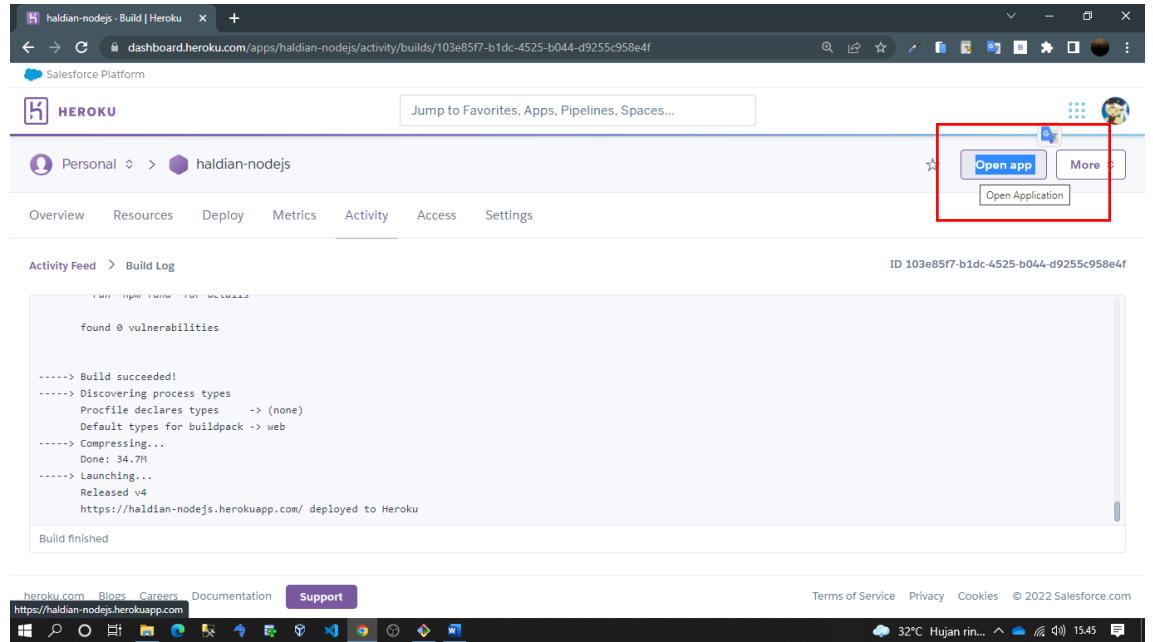
```
found 0 vulnerabilities

-----> Build succeeded!
-----> Discovering process types
      Procfile declares types      -> (none)
      Default types for buildpack -> web
-----> Compressing...
      Done: 34.7M
-----> Launching...
      Released v4
      https://haldian-nodejs.herokuapp.com/ deployed to Heroku
Build finished
```

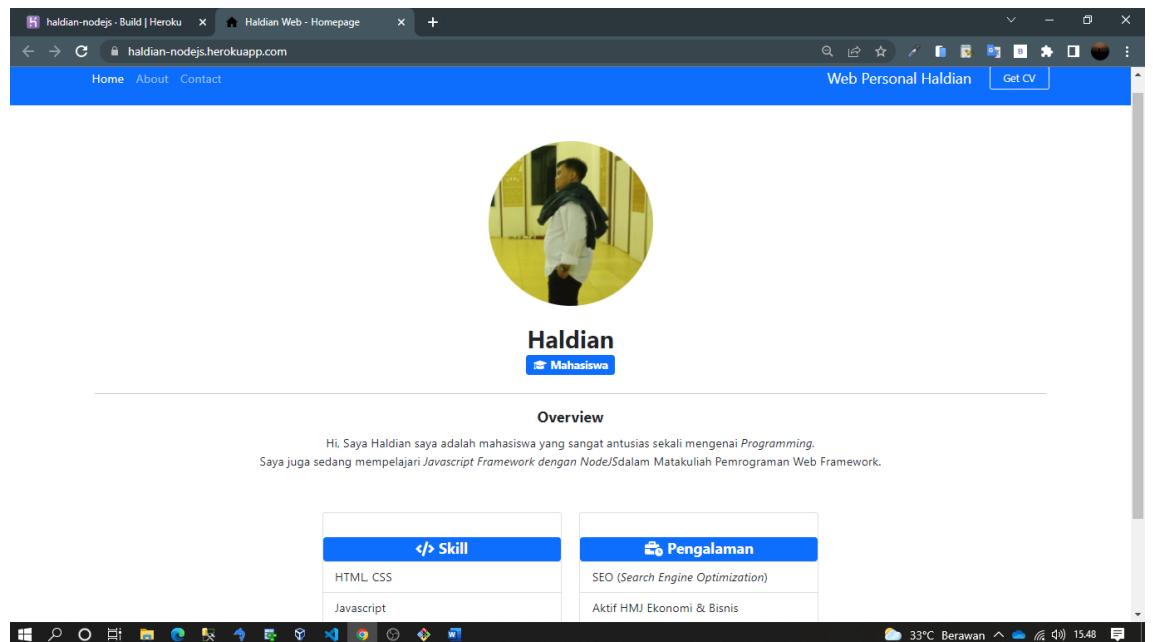
At the bottom of the log, there are links for heroku.com, Blogs, Careers, Documentation, Support, Terms of Service, Privacy, Cookies, and a copyright notice for © 2022 Salesforce.com. The system tray at the bottom right shows the date and time as 32°C Hujan rin... 15.41.

## Step #10. Testing dengan Domain Heroku

1. Cara pertama kita bisa gunakan open app pada halaman dasbord heroku seperti gambar di bawah ini

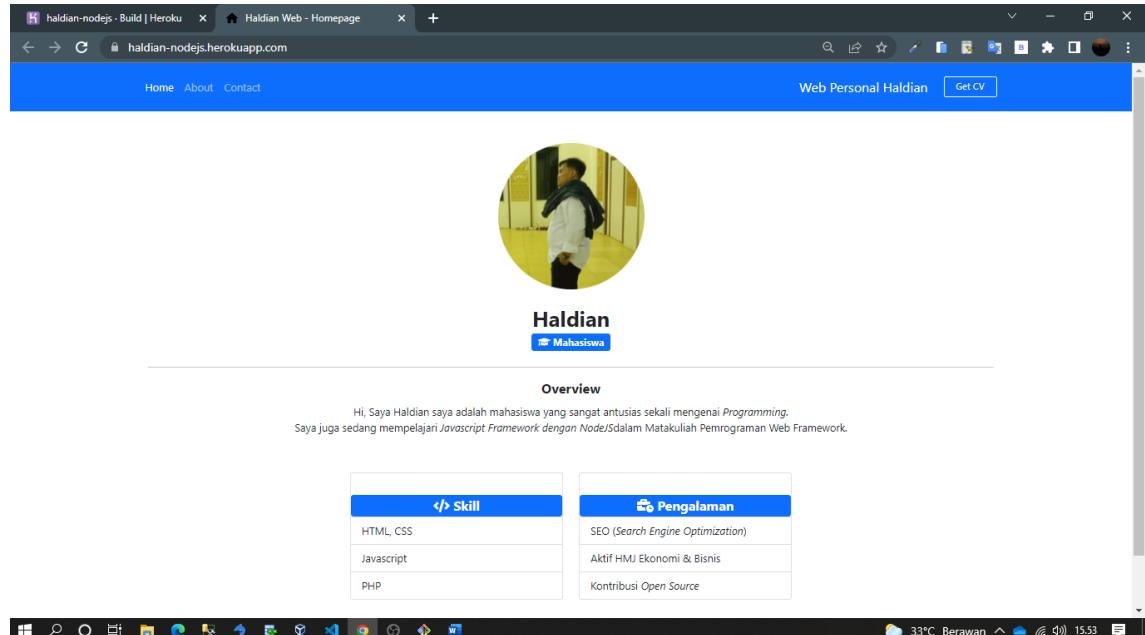


2. Cara kedua kita bisa panggil dengan mengetikan nama domain nya misalnya <https://haldian-nodejs.herokuapp.com/> seperti gambar di bawah ini



## Step #11. Picture webpribadi/personal

### 1. Yang pertama Home



Web Personal Haldian [Get CV](#)

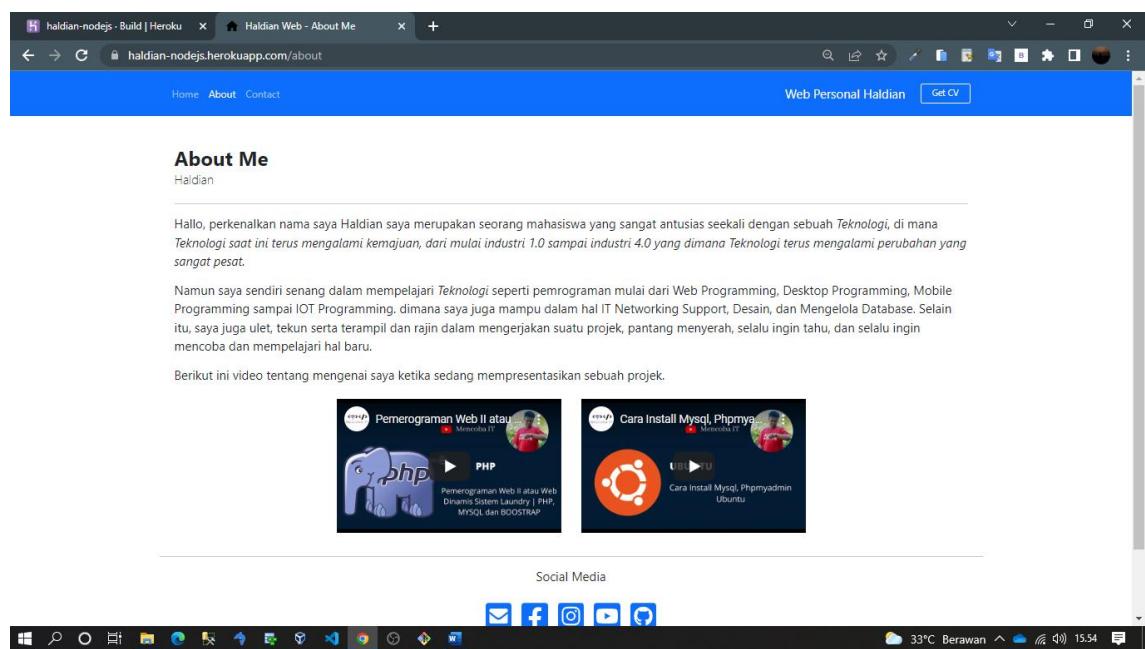
Haldian  
Mahasiswa

**Overview**

Hi, Saya Haldian saya adalah mahasiswa yang sangat antusias sekali mengenai Programming. Saya juga sedang mempelajari Javascript Framework dengan Node/Sdalam Matakuliah Pemrograman Web Framework.

Skill	Pengalaman
HTML, CSS	SEO (Search Engine Optimization)
Javascript	Aktif HMJ Ekonomi & Bisnis
PHP	Kontribusi Open Source

### 2. Yang kedua About



Web Personal Haldian [Get CV](#)

**About Me**

Haldian

Hallo, perkenalkan nama saya Haldian saya merupakan seorang mahasiswa yang sangat antusias seekali dengan sebuah *Teknologi*, di mana *Teknologi saat ini terus mengalami kemajuan, dari mulai industri 1.0 sampai industri 4.0 yang dimana Teknologi terus mengalami perubahan yang sangat pesat.*

Namun saya sendiri senang dalam mempelajari *Teknologi* seperti pemrograman mulai dari Web Programming, Desktop Programming, Mobile Programming sampai IOT Programming. dimana saya juga mampu dalam hal IT Networking Support, Desain, dan Mengelola Database. Selain itu, saya juga ulet, tekun serta terampil dan rajin dalam mengerjakan suatu projek, pantang menyerah, selalu ingin tahu, dan selalu ingin mencoba dan mempelajari hal baru.

Berikut ini video tentang mengenai saya ketika sedang mempresentasikan sebuah projek.

[Pemrograman Web II atau Web Dinamis Sistem Laundry | PHP, MySQL dan BOOSTRAP](#)

[Cara Install Mysql, Phpmyadmin Ubuntu](#)

Social Media

33°C Berawan 15.54

### 3. Yang ketiga Contact

The screenshot shows a contact form titled "Contact Me" on a website. The form includes fields for "Email" (with placeholder "Masukan email") and "Pesan" (with placeholder "Masukan pesan atau komentar"). A "Kirim" button is at the bottom. The header of the page says "Web Personal Haldian" and "Get CV". The browser tabs show "haldian-nodejs - Build | Heroku" and "Haldian Web - Contact Me". The address bar shows "haldian-nodejs.herokuapp.com/contact".

### 4. Yang Keempat CV

The screenshot shows a Curriculum Vitae (CV) document titled "CURRICULUM VITAE Haldian". It features a profile picture of a man in a suit. The document is divided into sections: "Contact" (listing Belambangan, Penengah, Kab. Lampung Selatan, 088269034982, haldian23@gmail.com, www.linkedin.com/in/hal-dian-673953207/, www.youtube.com/channel/UC-Cd\_sf6eKIHK0LZjAwXQ), "Profile" (a short bio), "Key Skills" (Halaman Linux), and "Experience" (listing 1 / 2 January - April 2019, Search engine optimization (SEO)). The browser tabs show "haldian-nodejs - Build | Heroku" and "CURRICULUM VITAE Haldian\_20753050 (1).pdf". The address bar shows "drive.google.com/file/d/1uA\_q0igVKFVgzYUTb7yjY4CEnFaai35d/view". The system tray shows the date as 15.54.

**Sekian & Terimakasih**