

LAPORAN TUGAS BESAR JARINGAN KOMPUTER - HOSTING WEB



Disusun Oleh :

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PROGRAM STUDI D3 SISTEM INFORMASI
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1. HOSTING WEB

Menggunakan GitHub Pages

A. Pengertian Singkat

GitHub Pages adalah layanan hosting website gratis dari GitHub yang memungkinkan pengguna menampilkan website statis (HTML, CSS, JS) dan dapat diakses melalui jaringan internet.

B. Persiapan

Sebelum memulai, siapkan:

Email aktif

Laptop dan koneksi internet

Browser (Chrome / Edge / Firefox)

C. Langkah-Langkah Hosting Website Gratis

1. Buka website <https://github.com>

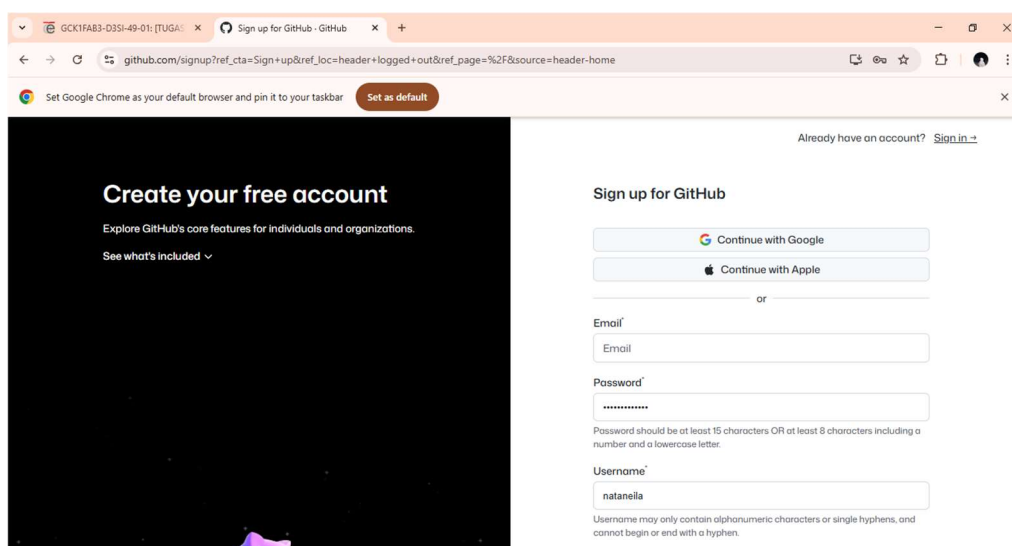
2. Klik tombol Sign up

3. Masukkan:

- Email
- Password
- Username GitHub

4. Lakukan verifikasi email

5. Login ke akun GitHub



The screenshot shows a web browser window with the GitHub sign-up page. The browser's address bar shows the URL `github.com/signup?ref_cta=Sign+up&ref_loc=header+logged+out&ref_page=%2F&source=header-home`. A notification bar at the top of the page suggests setting Google Chrome as the default browser. The main content area is split into two sections. On the left, a dark box with the text 'Create your free account' and 'Explore GitHub's core features for individuals and organizations.' is visible. On the right, the 'Sign up for GitHub' form is displayed. It includes two buttons for social login: 'Continue with Google' and 'Continue with Apple'. Below these, there is a link 'or' and three input fields: 'Email', 'Password', and 'Username'. The 'Email' field is empty. The 'Password' field contains a masked password '*****' with a note below it stating: 'Password should be at least 15 characters OR at least 8 characters including a number and a lowercase letter.' The 'Username' field contains the text 'natanela' with a note below it stating: 'Username may only contain alphanumeric characters or single hyphens, and cannot begin or end with a hyphen.'

6. Membuat Repository Website

7. Setelah login, klik tombol New Repository

- Isi data repository:

Repository name:

nataneilasavia.github.io

- Pilih Public

8. Centang Add a README file

9. Klik Create Repository

The screenshot shows the GitHub 'Create a new repository' page. The browser address bar shows 'github.com/new'. The page title is 'Create a new repository'. Below the title, it says 'Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository.](#) Required fields are marked with an asterisk (*).' The form is divided into two sections: '1 General' and '2 Configuration'. In the 'General' section, the 'Owner' is 'nataneila2007-max' and the 'Repository name' is 'nataneilasavia.github.io'. A green checkmark indicates the name is available. Below the name field, it says 'Great repository names are short and memorable. How about [stunning-memory?](#)'. The 'Description' field is empty, with a character count of '0 / 350 characters'. In the 'Configuration' section, 'Choose visibility' is set to 'Public' and 'Add README' is set to 'Off'.

10. Membuat File Website (index.html)

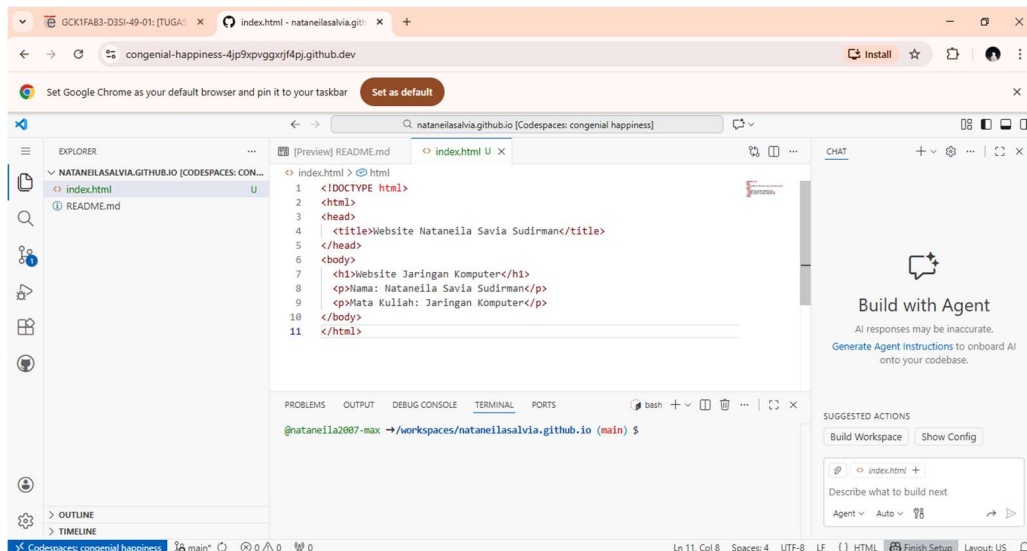
11. Masuk ke repository yang sudah dibuat

12. Klik Add file → Create new file

13. Beri nama file:

index.html

14. Isi kode HTML sederhana, seperti:



```
<!DOCTYPE html>

<html>

<head>

<title>Website Nataneila Savia Sudirman</title>

</head>

<body>

<h1>Website Jaringan Komputer</h1>

<p>Nama: Nataneila Savia Sudirman</p>

<p>Mata Kuliah: Jaringan Komputer</p>

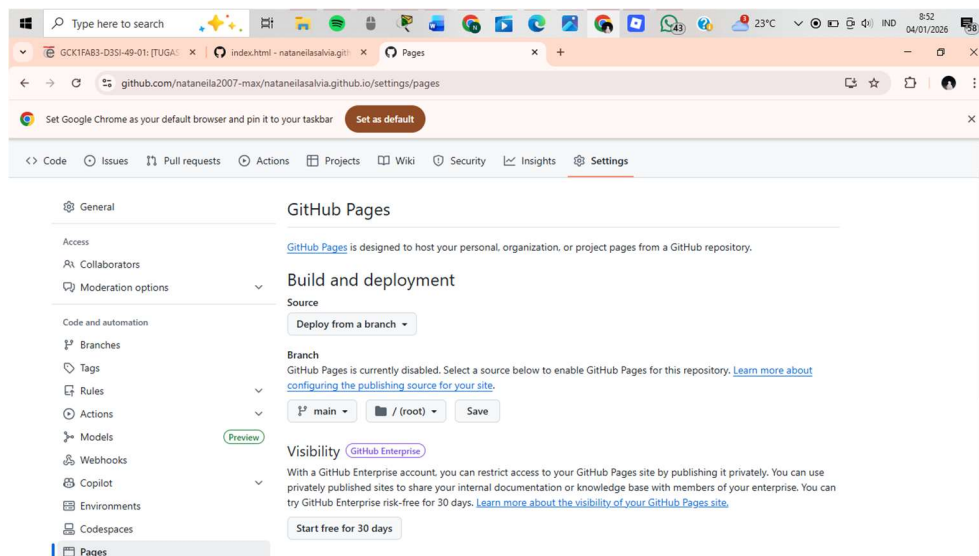
</body>

</html>
```

15. Klik Commit changes

16. Mengaktifkan GitHub Pages

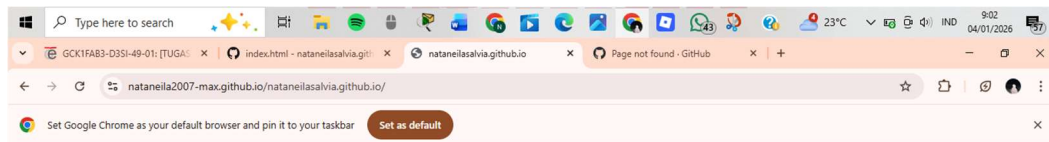
- Klik menu Settings pada repository
- Pilih menu Pages
- Pada bagian Source:
 - Branch: `main`
 - Folder: `/root`



17. Klik Save

18. Mengakses Website, setelah GitHub Pages aktif, akan muncul link website

- Buka link:
<https://nataneila2007-max.github.io/nataneilasalvia.github.io/>
- Website berhasil diakses melalui jaringan internet



nataneilasalvia.github.io

D. Informasi Hosting

- Username Login : akun GitHub
- Email : email GitHub
- Nama Domain : nataneilasavia.github.io
- URL Website : <https://nataneila2007-max.github.io/nataneilasalvia.github.io/>

