

KELAS 01

HTML , CSS DAN GIT

ASAS FRONTEND

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Agenda

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Overview

FRONTEND WEB

Web terdiri daripada 3 components:

- HTML (STRUKTUR ASAS - HEADER, BODY, FOOTER)
- CSS (RUPA PADA HALAMAN WEB)
- JAVASCRIPT (MANIPULASI DOCUMENT OBJECT MODEL(DOM))

User boleh lawat web tanpa semua 3 komponen ini tetapi bukan untuk semua orang.

ASAS HTML

FRONTEND WEB

ASAS HTML:

- HEAD - Digunakan untuk beritahu browser “client” mengenai Web. Letak di bahagian atas.
 - Contoh: Title, Meta, Links, Script atau Style
- BODY - Isi Kandungan dalam Web
 - Header - Navigation Menu
 - Contoh: Div, Section, H1-H6, List, Image, a (anchor), p (paragraph), button dan lain-lain
 - Footer - Copyright. Company info etc.

ASAS HTML

FRONTEND WEB

FORM

- Input Borang
 - String
 - Number
 - Radio
 - Checkbox
- Data Handling Method (GET atau POST)
 - Get = Request yang meminta data. Tiada perubahan Data.
 - POST = Request yang melibatkan perubahan data.
- Button (Submit)

ASAS CSS

FRONTEND WEB

COMMON ELEMENT

- Layout
 - Grid / Flex
 - Padding
 - Margin
- Typography
 - Font Size, Color, Weight
- Working with Colors

Selectors

- Classes
 - `<p class="className">`
 - Shareable.
 - `.className`
- ID
 - `<p id="idName">`
 - unique to this element
 - `#idName`

Git Setup

Introduce the company's main competitors.

01. Install Git

Di Terminal, "git -v" untuk check version. Sekiranya ada version, bermaksud ada git di dalam komputer

02. Git Config Username and Email

```
git config --global user.name "Your Name"
```

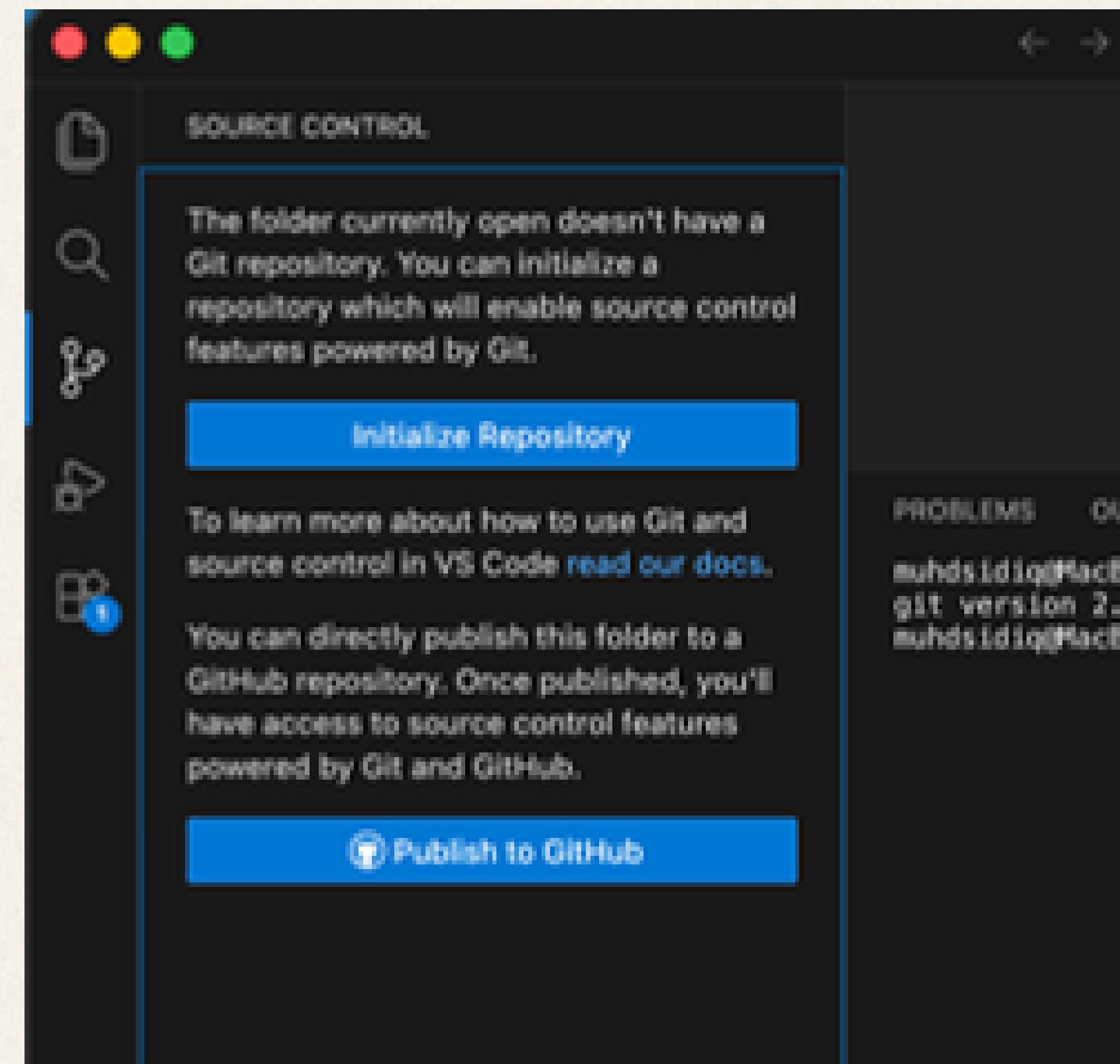
```
git config --global user.email "your-email@example.com"
```

03. Connect Github dengan VS CODE

Git init. Kemudian, Publish to Github untuk Connection

04. Save Code ke Project Repo

Git init. Kemudian, Publish to Github untuk Connection



DEPLOYMENT

CLOUDFLARE PAGE

1. Login ke CloudFlare guna Github

2. Build > Workers & Pages

3. Pilih projek repo dari Github.

4. Deploy dan tunggu Live.

5. Debug Jika Perlu

The screenshot shows the Cloudflare dashboard interface. On the left, there's a sidebar with navigation links: Account home, Recents, Analytics & logs, Domains, Build, Compute & AI, Workers & Pages (which is highlighted), Observability, Workers for Platforms, Containers (Beta), Durable Objects, Queues, Workflows, Browser Rendering, AI Search (Beta), Workers AI, and AI Gateway. The main content area is titled "Workers & Pages" and contains the sub-header "Build & deploy serverless functions, sites, and full-stack applications." Below this, there's a search bar labeled "Search applications" and filters for "Show all" and "Last modified". A list of deployed projects is shown, each with a thumbnail, name, URL, deployment status, and timestamp. To the right of the main content, there are three boxes: "Usage" (Requests today: 0), "Requests" (0), and "Observability events" (0). At the bottom right, there's an "Account Details" section with fields for Account ID (2706a1ca1275) and Subdomain (muham).

| Project | URL | Status | Timestamp |
|-------------------------|---|---------|-----------|
| landing-pages | landing-pages-eww.pages.dev | 12d ago | ... |
| restless-poetry-5f97 | restless-poetry-5f97.muhammad-sidiq.workers.dev | 12d ago | ... |
| test | No active routes | 41d ago | ... |
| malaysia-nem-calculator | malaysia-nem-calculator.pages.dev | 7mo ago | ... |