



# Muhammad Ramadriansyah

Finaccel Machine Learning Engineer

Experiences in **Machine Learning Engineer**,  
**Data Scientist**, **Full Stack Web Developer** and  
**Product Manager**.

## Working Experiences



## Education Background



2013-2017  
Bachelor Degree  
Electrical  
Engineering



2019-2021  
Master Degree  
Computer Science

# Collaborative Working using Git



# Topik Collaborative Working using Git

## Topik 1:

### *Introduction to Git and Command Line Interface*

1. Introduction to Command Line Interface
2. Understanding git environment
3. Commit your first file
4. Introduction to Github
5. Create your own README

## Topik 2:

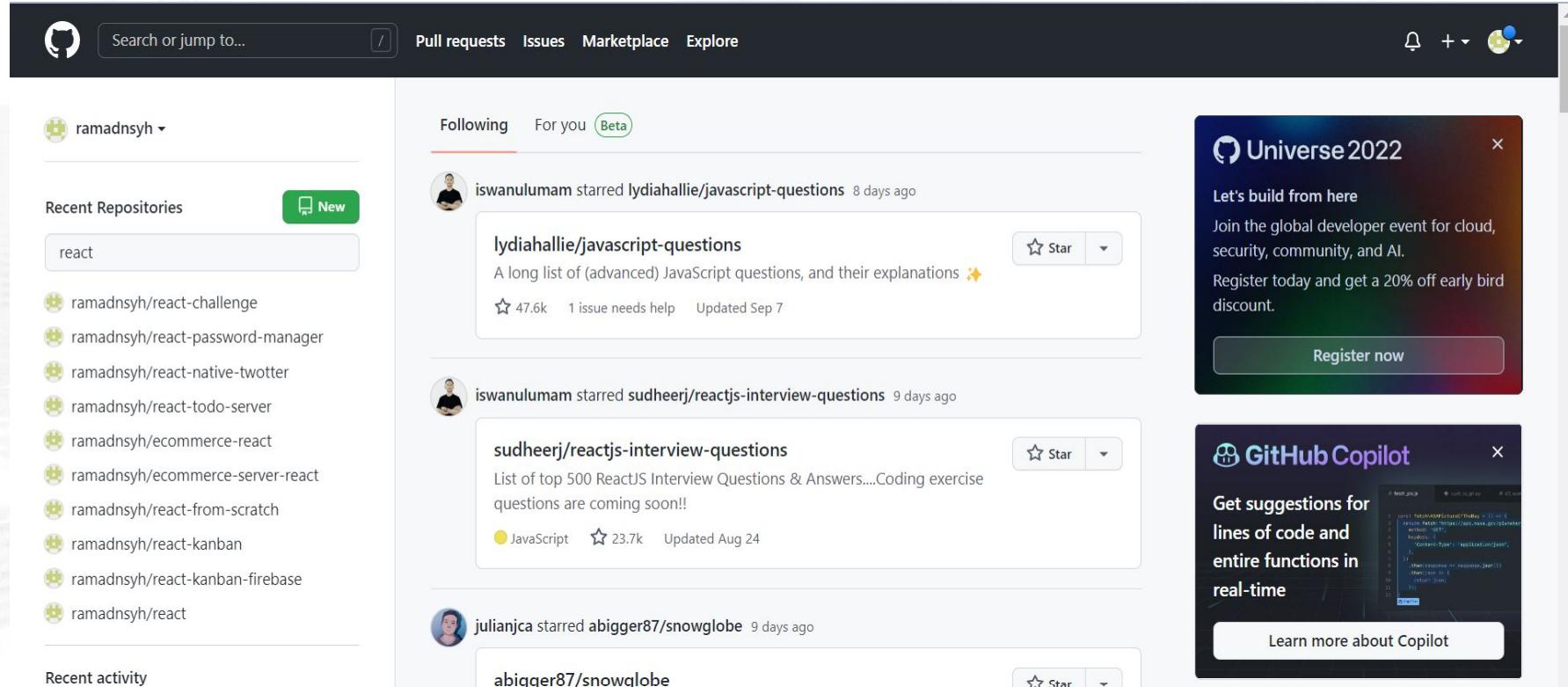
### *Github for Workflow Management*

1. Clone and pull Repository
2. Branch management
3. Create and review pull request
4. Manage code conflicts

## ***Prerequisites:***

1. Create your [Github Account](#)
2. Install git command line interface
3. Video akan menggunakan [Windows](#)

# Login Github Account



The screenshot shows a GitHub user profile for `ramadnsyh`. The profile includes a sidebar with recent repositories like `react`, `ramadnsyh/react-challenge`, and `ramadnsyh/react-todo-server`. The main feed shows three starred projects:

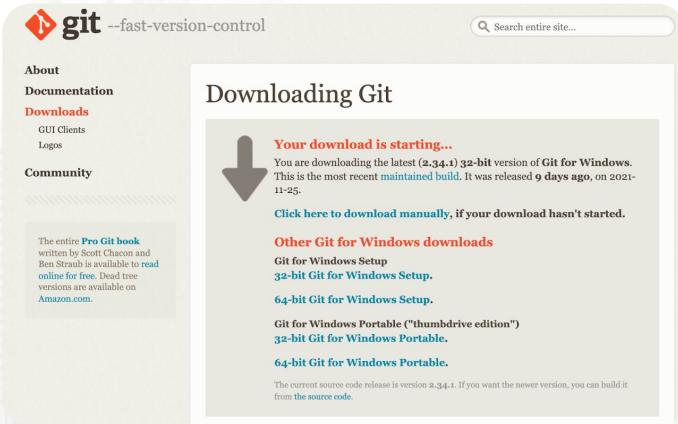
- lydiahallie/javascript-questions**: A long list of (advanced) JavaScript questions, and their explanations. Starred 8 days ago.
- sudheerj/reactjs-interview-questions**: List of top 500 ReactJS Interview Questions & Answers....Coding exercise questions are coming soon!! Starred 9 days ago.
- abiqquer87/snowglobe**: 9 days ago.

On the right, there are two promotional banners: "Universe 2022" and "GitHub Copilot".

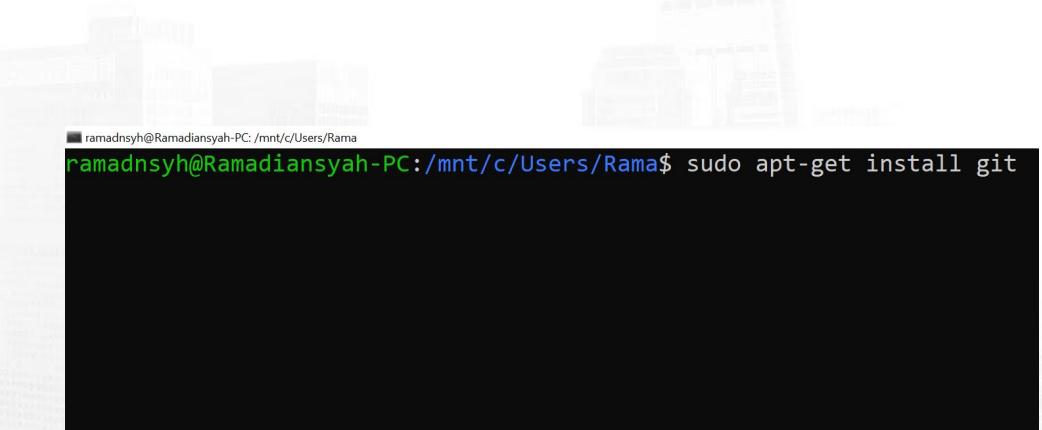
**Universe 2022**  
Let's build from here  
Join the global developer event for cloud, security, community, and AI.  
Register today and get a 20% off early bird discount.  
[Register now](#)

**GitHub Copilot**  
Get suggestions for lines of code and entire functions in real-time  
[Learn more about Copilot](#)

# Instalasi Git



Untuk Windows, bisa mengunduh melalui [git-scm](#).

A screenshot of a terminal window on a Linux system. The command "sudo apt-get install git" is being typed in. The terminal prompt is "ramadnsyh@Ramadiansyah-PC:/mnt/c/Users/Rama\$". The command is shown in blue, indicating it is being typed.

Untuk sistem berbasis Debian (Ubuntu, Debian, dll), dapat menjalankan perintah: **sudo apt-get install git**

Untuk sistem berbasis MacOS, dapat menjalankan perintah: **brew install git**

# Instalasi Git



A screenshot of a Microsoft Windows Command Prompt window. The title bar says "Command Prompt". The window content shows the following text:

```
Microsoft Windows [Version 10.0.22000.978]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Rama>git --version
git version 2.36.0.windows.1

C:\Users\Rama>
```

Pastikan bahwa Git sudah terpasang dengan benar, dengan menjalankan perintah

**git --version**

# Collaborative Working using Git

Introduction to Git and  
Command Line Interface



# *Introduction to Git and Command Line Interface*



Introduction to Command Line Interface



Understanding git environment



Commit your first file



Introduction to Github

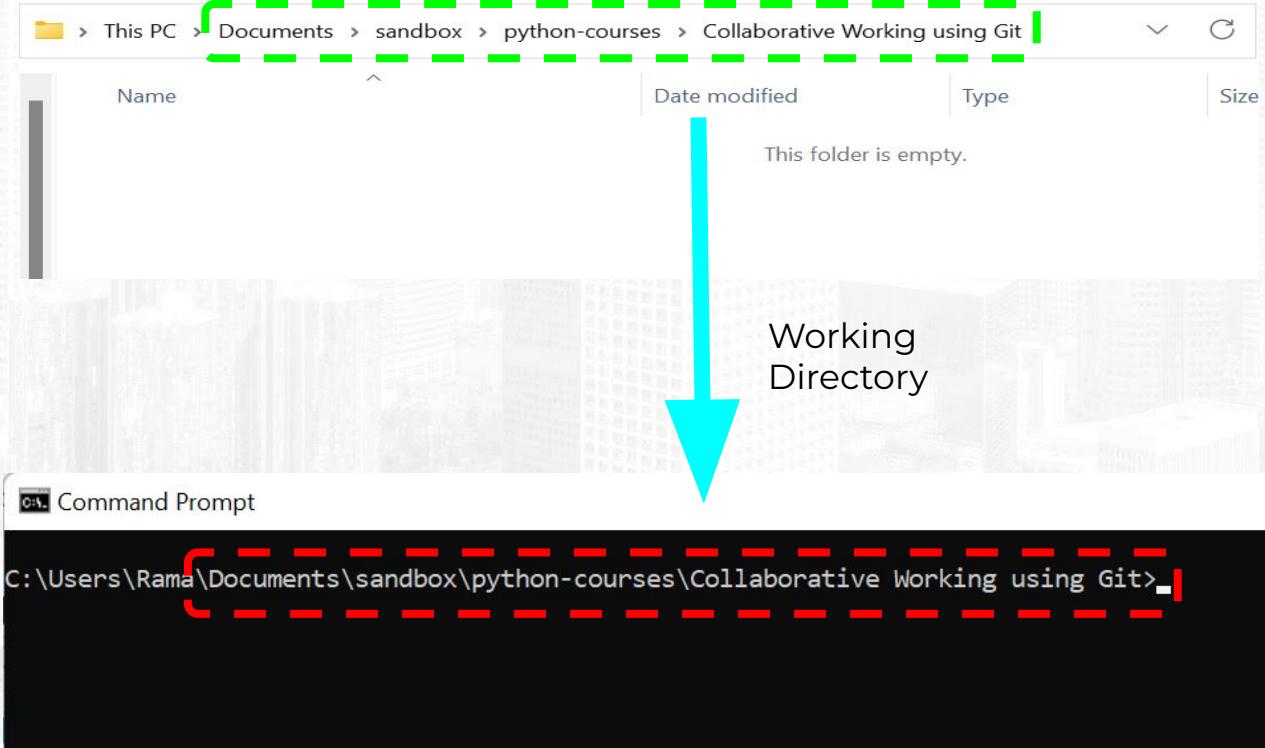


Create your own README



# Introduction to Command Line Interface

# Pengenalan Command Line Interface



# Pengenalan Command Line Interface

c:\ Command Prompt

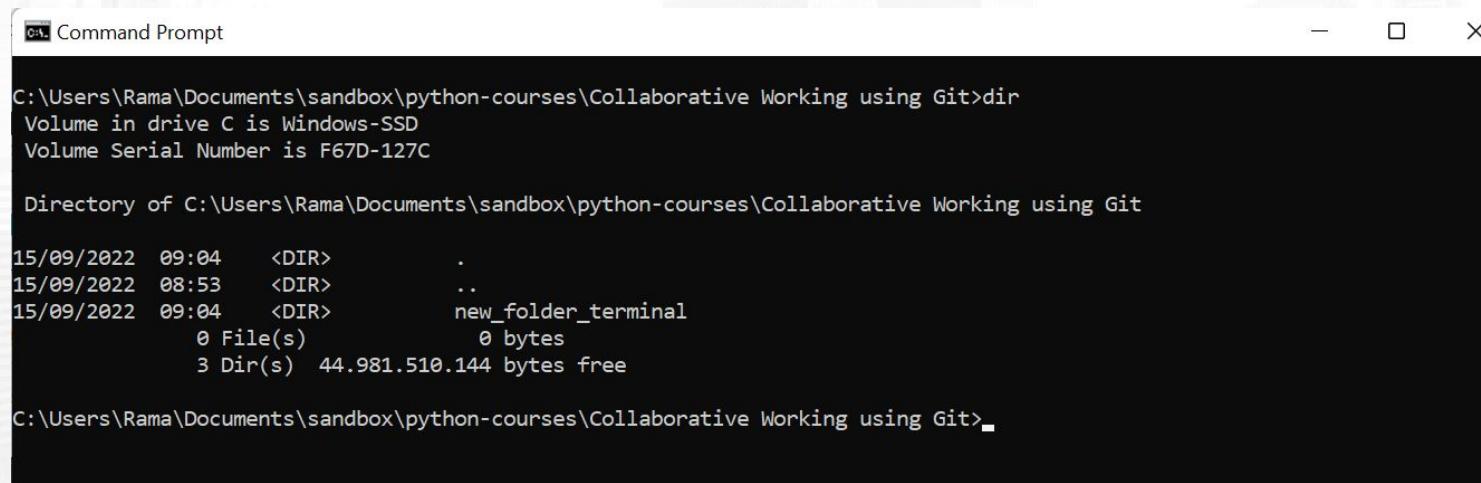
```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git>mkdir new_folder_terminal
```

Create Folder using Terminal

📁 > This PC > Documents > sandbox > python-courses > Collaborative Working using Git

Name	Date modified	Type	Size
new_folder_terminal	15/09/2022 09:04	File folder	

# Perintah Dasar CLI



Command Prompt

```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git>dir
Volume in drive C is Windows-SSD
Volume Serial Number is F67D-127C

Directory of C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git

15/09/2022  09:04    <DIR>      .
15/09/2022  08:53    <DIR>      ..
15/09/2022  09:04    <DIR>      new_folder_terminal
                  0 File(s)           0 bytes
                  3 Dir(s)  44.981.510.144 bytes free

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git>
```

echo %cd%	Menampilkan secara lengkap lokasi direktori kerja.
dir	Menampilkan seluruh folder dan file dalam direktori kerja.
dir /A:H	Sama seperti dir, tapi dengan menampilkan juga folder atau file yang disembunyikan.

# Glosarium Perintah Dasar CLI Windows

type	Menampilkan seluruh isi file. (type <nama_file>.<ekstensi>)
cd	Mengganti direktori kerja di CLI. (cd <nama_direktori_tujuan>)
cls	Membersihkan tampilan terminal.
copy	Menyalin berkas. (copy <nama_file> <destinasi>) Membuat file kosong. (copy NUL <nama_file>.<ekstensi>)
mkdir	Membuat folder baru. (mkdir <nama_folder>)
move	Memindah berkas. (move <nama_berkas> <destinasi>) Mengubah nama. (move <nama_lama> <nama_baru>)
del	Menghapus berkas atau folder. (del <nama_berkas>)

# Glosarium Perintah Dasar CLI Linux / Mac OSX

cat	Menampilkan seluruh isi file. (cat <nama_file>.<ekstensi>)
cd	Mengganti direktori kerja di CLI. (cd <nama_direktori_tujuan>)
clear	Membersihkan tampilan terminal.
cp	Menyalin berkas. (cp <nama_file> <destinasi>)
mkdir	Membuat folder baru. (mkdir <nama_folder>)
mv	Memindah berkas. (mv <nama_berkas> <destinasi>)
rm	Menghapus berkas atau folder. (rm <nama_berkas>)
touch	Membuat berkas kosong. (touch <nama_berkas>)
wget	Mengunduh berkas dari internet. (wget <alamat_tautan>)

# **YUK LATIHAN !!!**

# *Introduction to Git and Command Line Interface*



Introduction to Command Line Interface



Understanding git environment



Commit your first file



Introduction to Github



Create your own README

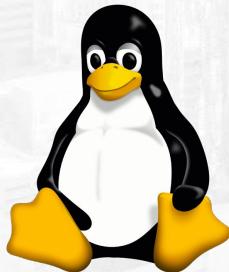


# Understanding git environment



# git

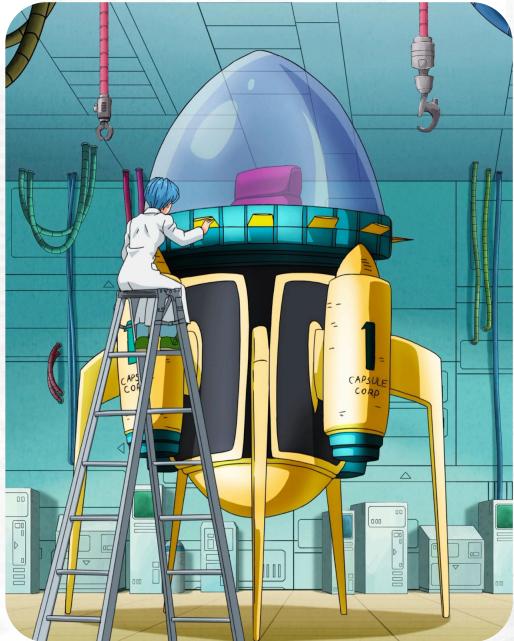
Git merupakan perangkat lunak untuk melacak setiap perubahan pada sekumpulan berkas atau *file*.



Teknologi ini pertama kali dikembangkan tahun 2005 oleh seorang insinyur perangkat lunak **Linus Torvalds** yang juga merupakan kreator sistem operasi Linux.



# Apakah itu Git?



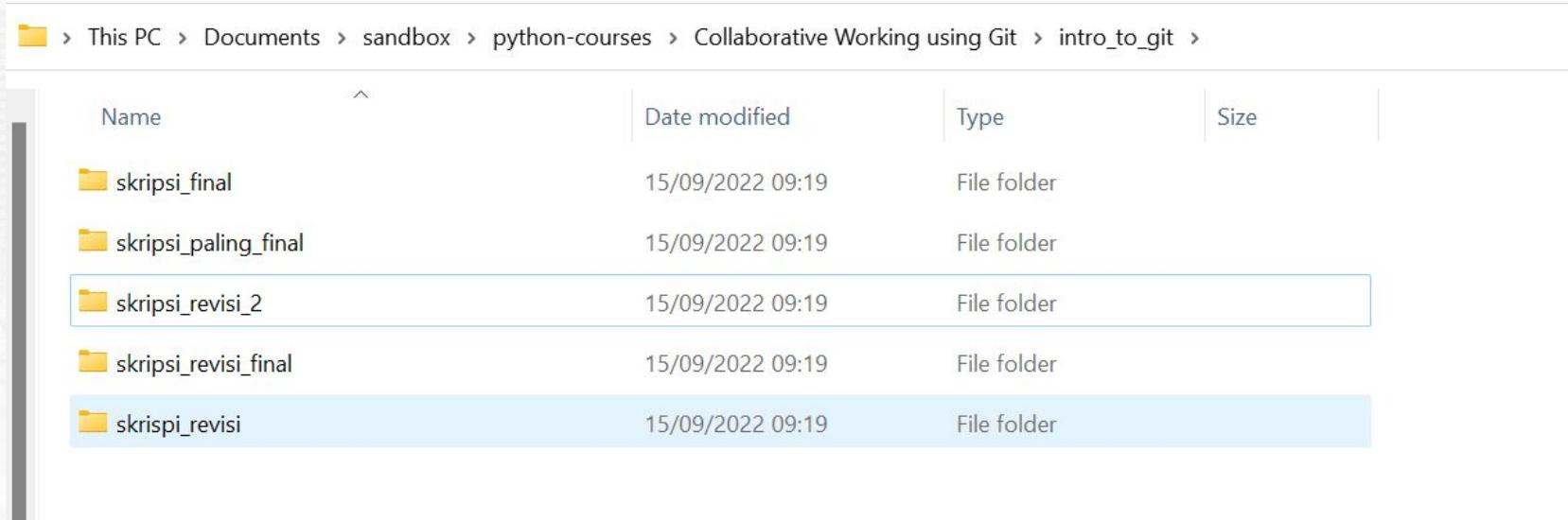
Pada dasarnya, Git sebuah perangkat untuk mengatur segala macam perubahan berkas yang terjadi sepanjang waktu.

Manfaat Git:

- Mendokumentasikan dan menulis ulang setiap perubahan dari waktu ke waktu.
- Bisa membuat checkpoint untuk setiap perubahan.
- Bisa membuat versi alternatif atau cabang.
- Bisa mensinkronisasi cabang-cabang.

# Mengapa Git?

Berbagai macam versi yang bisa membingungkan. kita dapat membuat mencatat setiap historical perubahannya dengan git.



This PC > Documents > sandbox > python-courses > Collaborative Working using Git > intro_to_git >			
Name	Date modified	Type	Size
skripsi_final	15/09/2022 09:19	File folder	
skripsi_paling_final	15/09/2022 09:19	File folder	
skripsi_revisi_2	15/09/2022 09:19	File folder	
skripsi_revisi_final	15/09/2022 09:19	File folder	
skripsi_revisi	15/09/2022 09:19	File folder	

# Understanding Version Control



2010



2010 - 2011



2011 - 2016

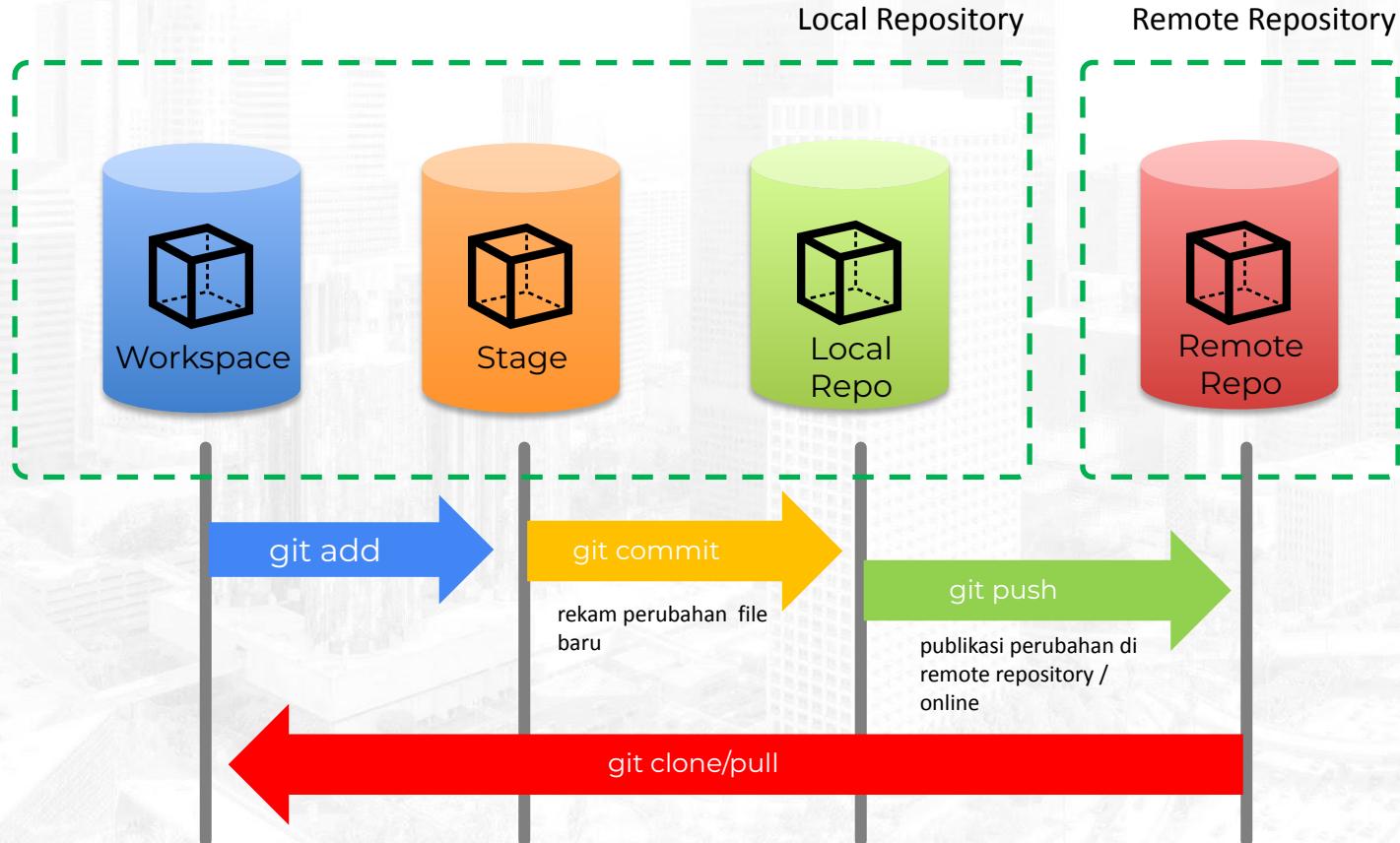


2016 - 2022



2022 - now

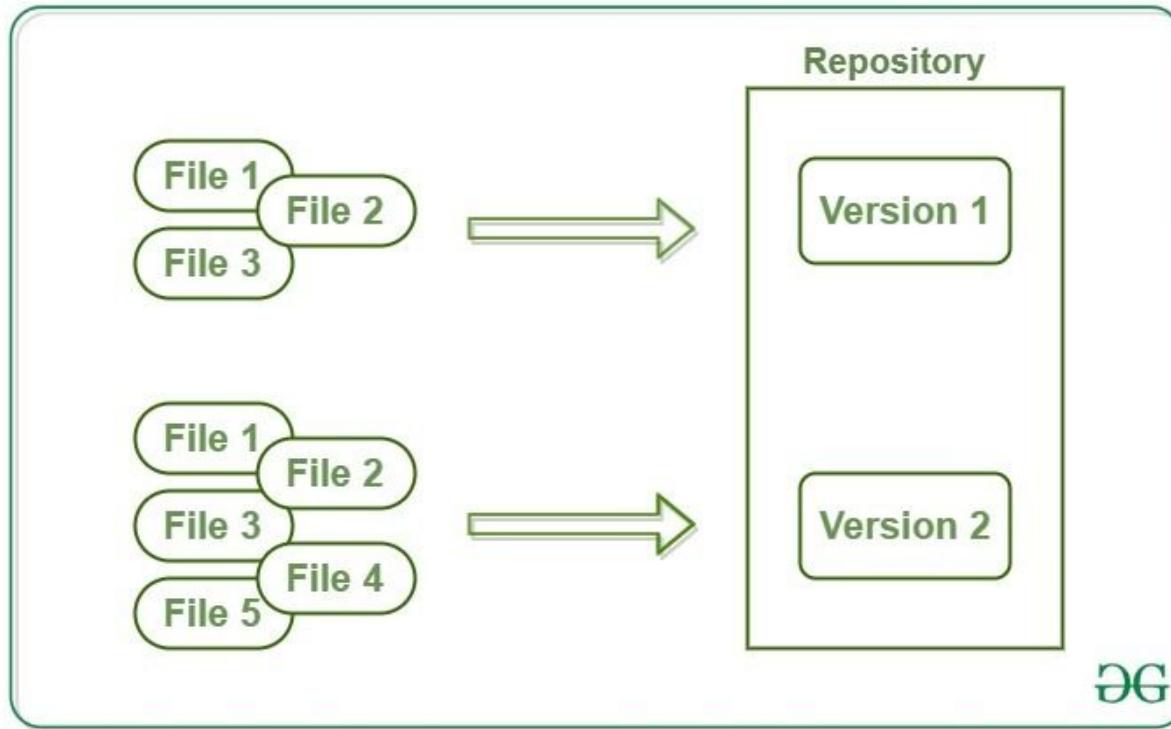
# Understanding Git Environment



# Apa saja git provider?



# Apa itu repository?



# Github Repository

Searched: ramadnsyh / project\_repo (Public)

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master 2 branches 0 tags

Your master branch isn't protected

Protect this branch Dismiss

mramadnsyh Second Commit 7d37426 1 hour ago 2 commits

skripsi.txt Second Commit 1 hour ago

Add a README

No description, website, or topics provided.

0 stars 1 watching 0 forks

Releases

No releases published Create a new release

Packages

No packages published Publish your first package



# *Introduction to Git and Command Line Interface*



Introduction to Command Line Interface



Understanding git environment



Commit your first file



Introduction to Github

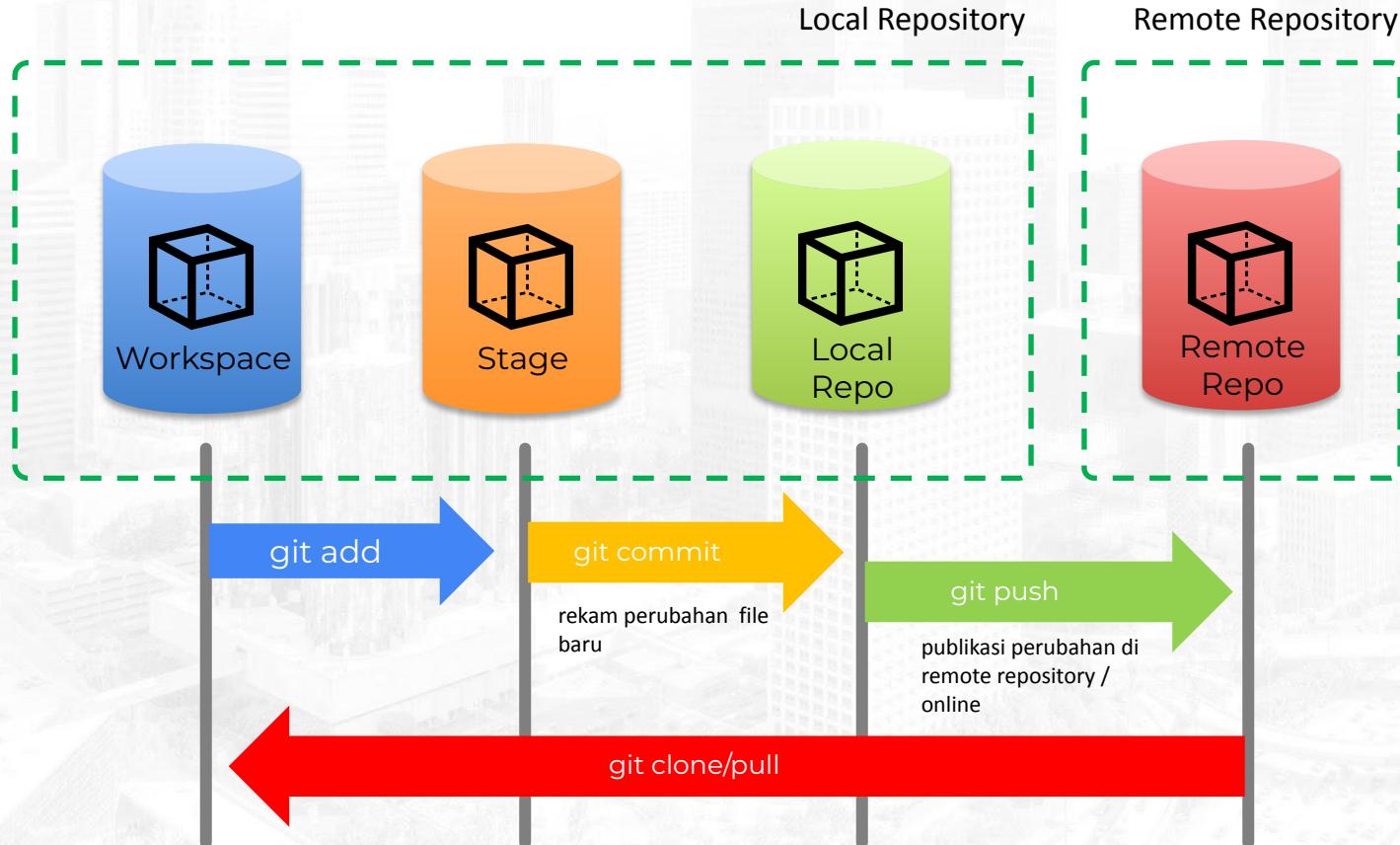


Create your own README

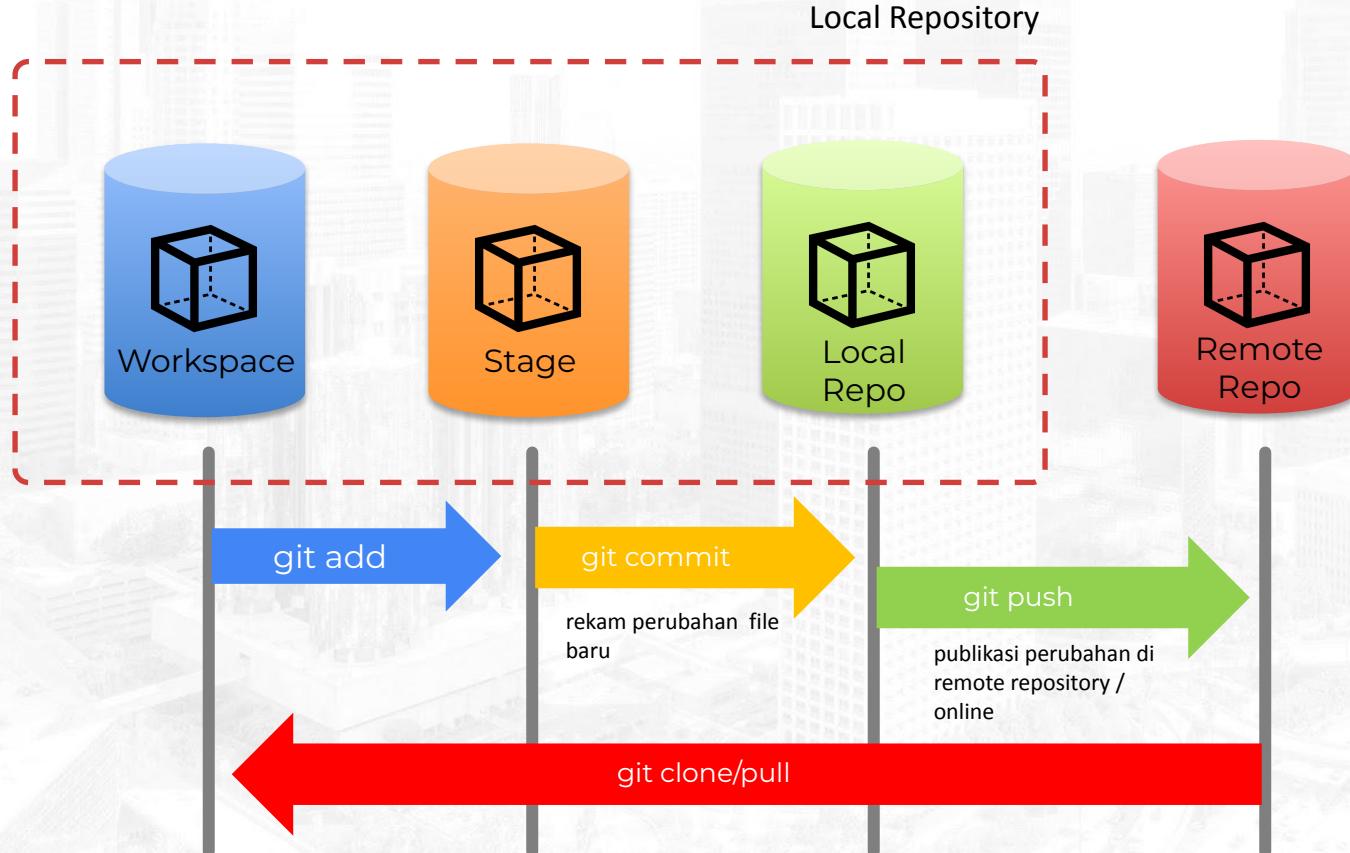


**Commit your  
first file**

# Understanding Git Environment



# Understanding Git Environment



# Setup Git Project (1)

1. Atur konfigurasi Git di terminal. ([Dokumentasi](#))

Konfigurasikan nama dan email agar mempermudah pengenalan identitas ketika melakukan kolaborasi di Git nantinya, dengan syntax git config

```
git config --global user.name "{YOUR_NAME}"
```

```
git config --global user.email "(YOUR_EMAIL)"
```

Cek hasilnya dengan `git config -list`



bootcamp — zsh — 79x20

```
(base) rezkitrianto@Rezkis-MacBook-Air bootcamp % git config --list
```

```
user.name=rezkitrianto
```

```
user.email=rezkitrianto@gmail.com
```

# Setup Git Project (2) ([Dokumentasi](#))

2. Buat folder kerja baru dan inisiasi git pada folder tersebut.

```
mkdir {YOUR_FOLDER_NAME}  
cd {YOUR_FOLDER_NAME}  
git init
```

membuat folder  
rakamin-project

masuk kedalam folder  
rakamin-project

inisialisasi git dengan  
git init

Command Prompt

```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git>mkdir rakamin_project  
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git>cd rakamin_project  
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git init  
Initialized empty Git repository in C:/Users/Rama/Documents/sandbox/python-courses/Collaborative Working using Git/intro_to_git/rakamin_project/.git/  
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

# Git Status (Dokumentasi)

Command Prompt

```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

Karena tidak ada perubahan apapun di dalam repository, maka statusnya adalah working tree clean.

Perintah **git status** digunakan untuk melihat kondisi repositori dan area staging.

# Add Your File

```
Anaconda Prompt (miniconda3)
(base) C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>copy NUL skripsi.txt
1 file(s) copied.

(base) C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    skripsi.txt

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

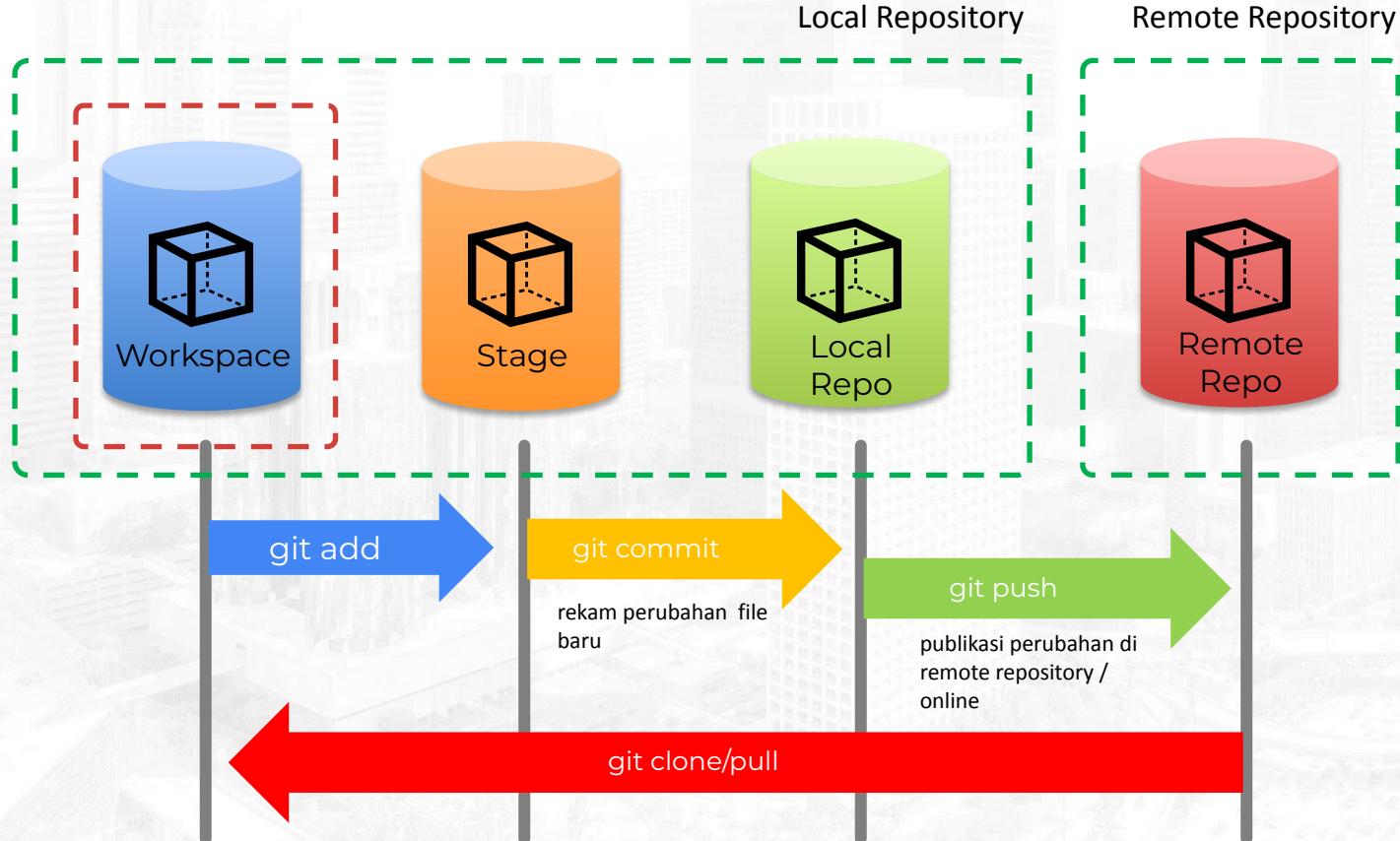
(base) C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

Menambahkan file baru ke dalam folder git

Jalankan perintah **git status** untuk melihat kondisi folder git.

Terdapat file baru pada workspace environment

# Understanding Git Environment

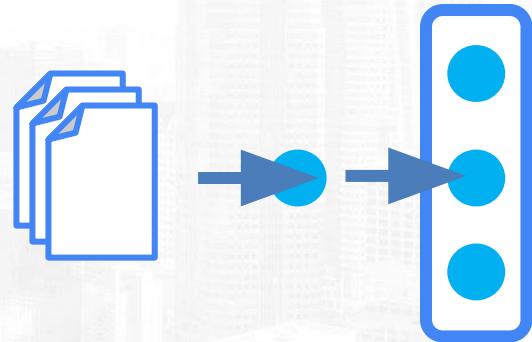


# Git Add ([Dokumentasi](#))

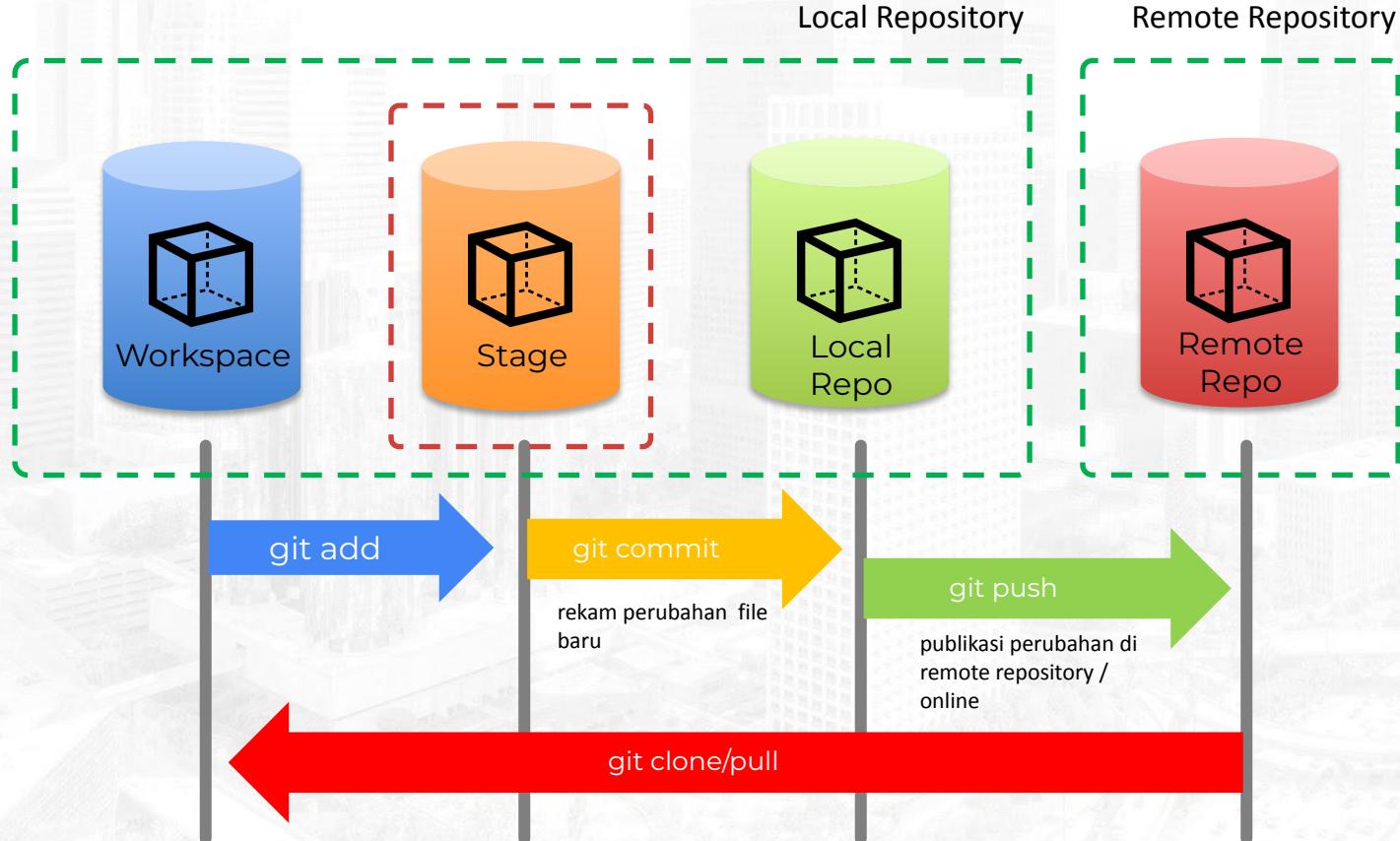
Perintah *Git Add* untuk menambahkan informasi perubahan didalam direktori pekerjaan ke dalam area staging.

Syntax:

```
git add <file1> <file2>  
git add .
```



# Understanding Git Environment



# After Git Add

```
(base) C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git add skripsi.txt

(base) C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   skripsi.txt

(base) C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

Jalankan perintah `git status` untuk melihat kondisi folder git.

Terdapat file baru pada workspace environment

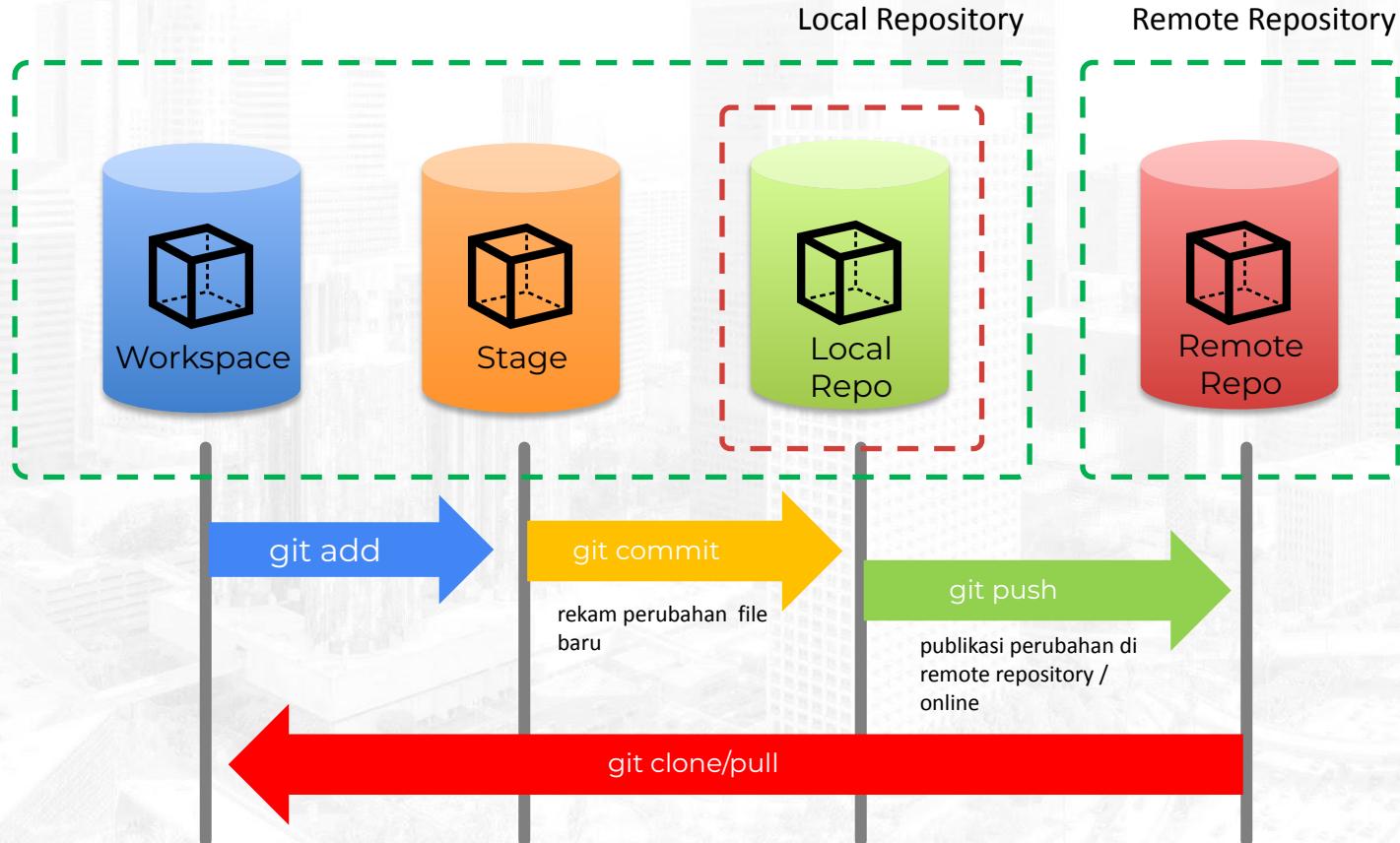
# Git Commit ([Dokumentasi](#))

Setelah perubahan berkas ditambahkan dengan perintah *Git Add*, hal ini tidak semerta-merta langsung merekam perubahan tersebut di area staging. Untuk merekam perubahan, jalankan perintah *Git Commit*.

Syntax:

```
git commit -m "commit message"
```

# Understanding Git Environment



# Your First Commit!!

Command Prompt

```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>copy NUL skripsi.txt
1 file(s) copied.

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git add skripsi.txt

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git commit -a -m "First Commit"
[master (root-commit) c6c22cb] First Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 skripsi.txt

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

1. Buat sebuah berkas kosong => `copy NUL {YOUR_FILENAME.txt}`
2. Tambahkan berkas tersebut ke dalam staging env => `git add {YOUR_FILENAME.txt}`
3. Commit berkas yang berada di staging env dengan menambahkan informasi perubahannya. => `git commit -m "{YOUR_COMMIT_COMMENT}"`

# Check Your Logs ([Dokumentasi](#))

Perintah `git log` digunakan untuk melihat detail dari commit log yang telah dilakukan.

Syntax:

`git log`

```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git log
commit c6c22cba17bb5af602c4f11bf92d641fb7160586 (HEAD -> master)
Author: mramadnsyh <muhammad.ramadiansyah@finaccel.co>
Date:   Thu Sep 15 09:26:21 2022 +0700

    First Commit

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

<b>commit c6c22cba17bb5af602c4f11bf92d641fb7160586</b>	Identifier untuk setiap commit yang dibuat. Identifier di produksi dengan <i>Secure Hashing Algorithm 1</i> atau (sering ditulis) SHA-1.
<b>HEAD -&gt; master</b>	HEAD adalah titik acuan yang menunjukkan cabang yang sedang digunakan.
<b>Author: mramadnsyh (muhammad.ramadiansyah@finaccel.co)</b>	Informasi mengenai penulis berkas (Nama dan Email)
<b>Date: Thu Sep 15 09:26:21 2022 +0700</b>  <b>First Commit</b>	Informasi mengenai tanggal dan waktu commit ini dibuat dan pesan commit-nya. Pesan commit biasanya berisi informasi singkat secara garis besar mengenai perubahan apa saja yang telah dibuat.

# Check Your Git Status ([Dokumentasi](#))

1. Edit file yang telah dibuat sebelumnya di text editor pilihanmu
2. Cek status git nya dengan cara

`git status`

```
C:\ Command Prompt
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   skripsi.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

<b>On branch master</b>	Lokasi cabang yang sedang digunakan
<b>modified: skripsi.txt</b>	Informasi berkas yang telah diubah

# Check Your Logs ([Dokumentasi](#))

» Command Prompt

```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   skripsi.txt

no changes added to commit (use "git add" and/or "git commit -a")

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git add skripsi.txt

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git commit -a -m "Second Commit"
[master 7d37426] Second Commit
 1 file changed, 1 insertion(+)

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git log
commit 7d37426879958312582891a0c61a14fc33bfff43 (HEAD -> master)
Author: mramadnsyh <muhhammad.ramadiansyah@finacel.co>
Date:   Thu Sep 15 09:34:02 2022 +0700

    Second Commit

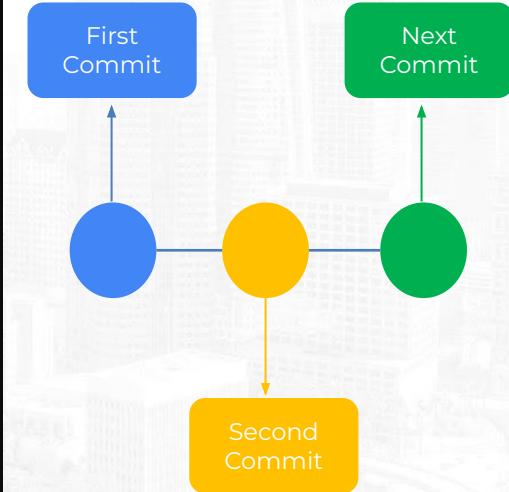
commit c6c22cba17bb5af602c4f11bf92d641fb7160586
Author: mramadnsyh <muhhammad.ramadiansyah@finacel.co>
Date:   Thu Sep 15 09:26:21 2022 +0700

    First Commit

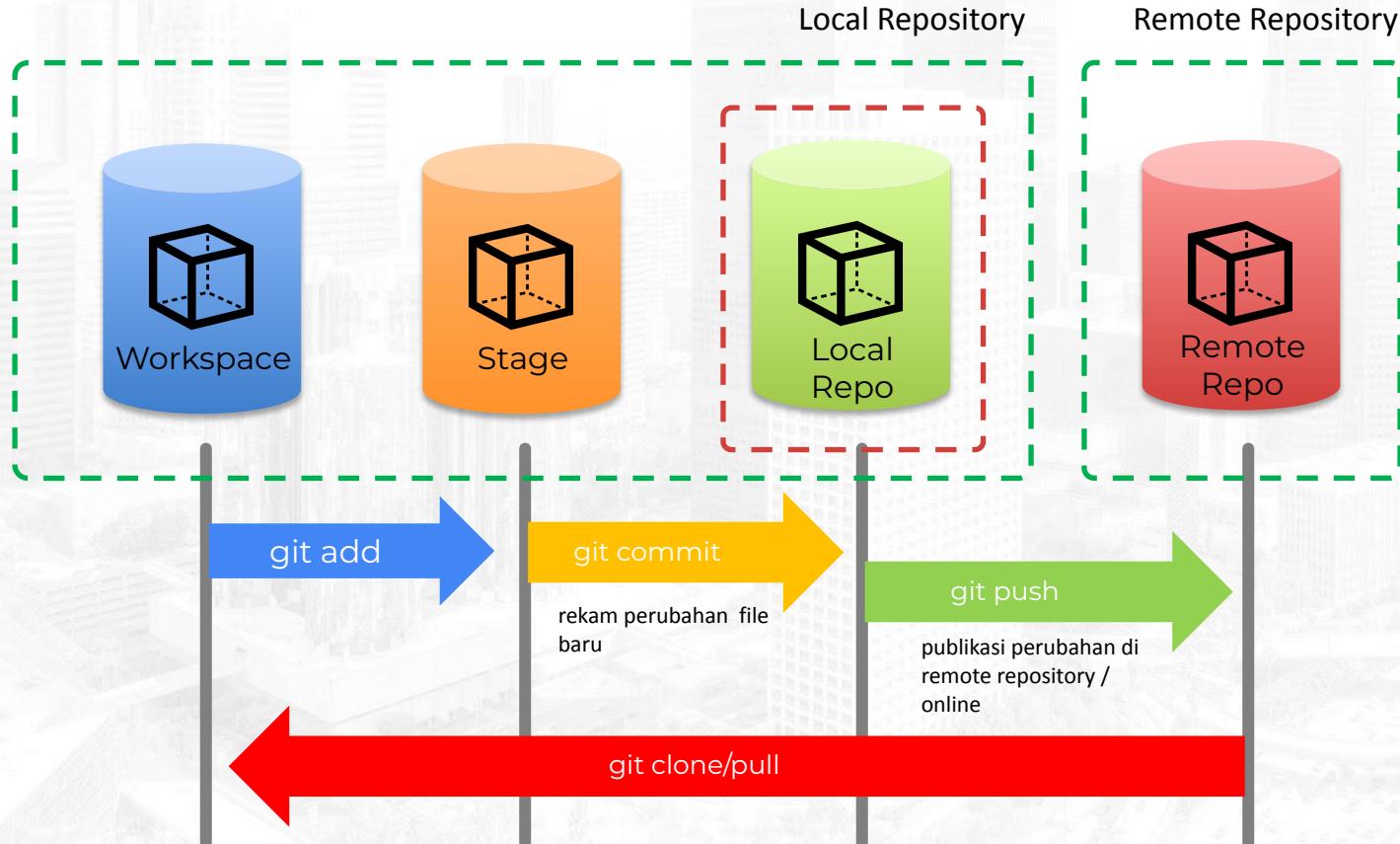
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

**[master 7d37426] Second Commit**  
**1 file changed, 1 insertion(+)**

Log berikut berisi informasi mengenai commit kedua (dan seterusnya, karena templatenya akan sama) yang sukses. Terdapat info mengenai cabang yang sedang digunakan, identifier dari peristiwa commit, dan info singkat perubahan berkasnya.



# Understanding Git Environment



# *Introduction to Git and Command Line Interface*



Introduction to Command Line Interface



Understanding git environment



Commit your first file



Introduction to Github

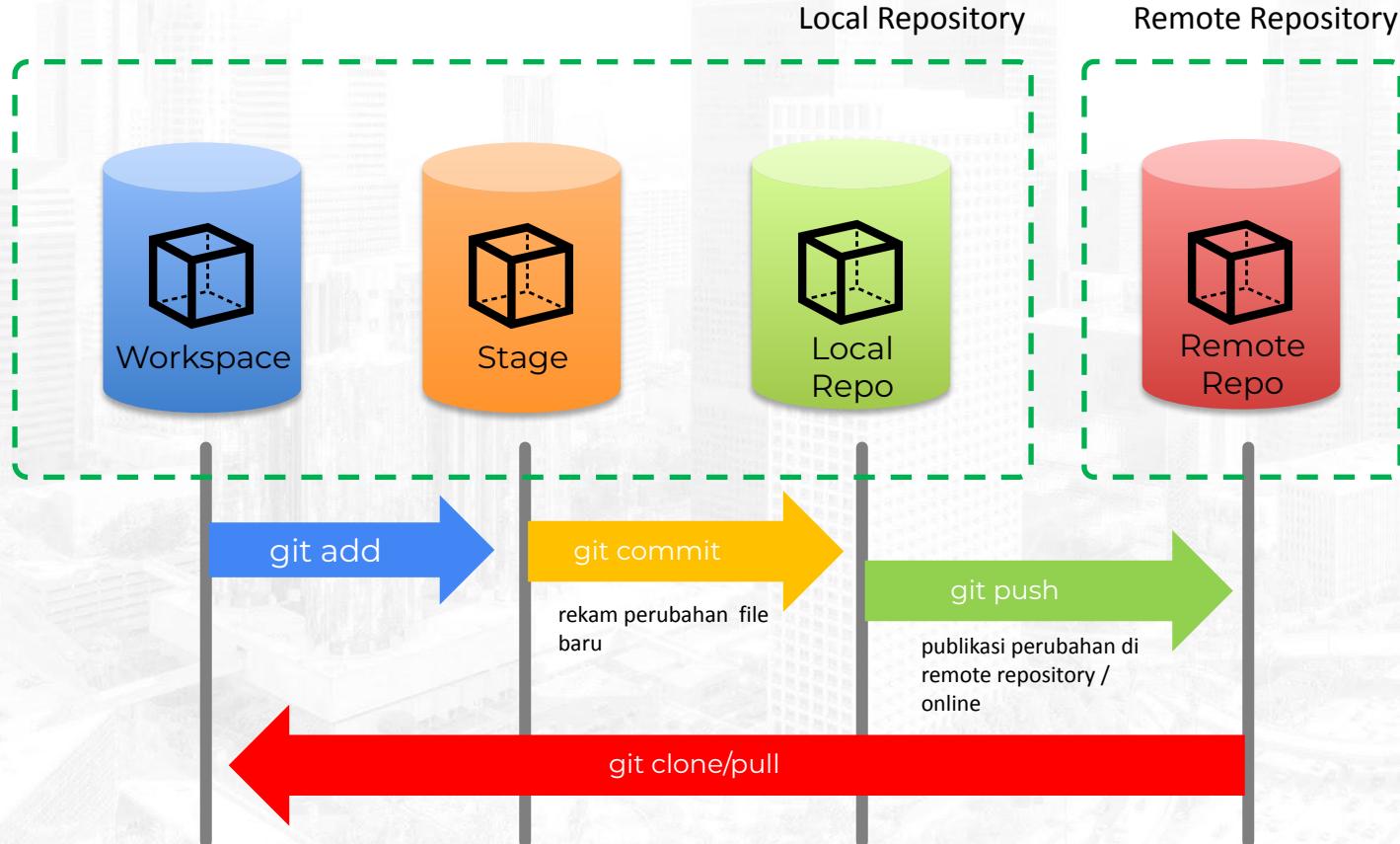


Create your own README

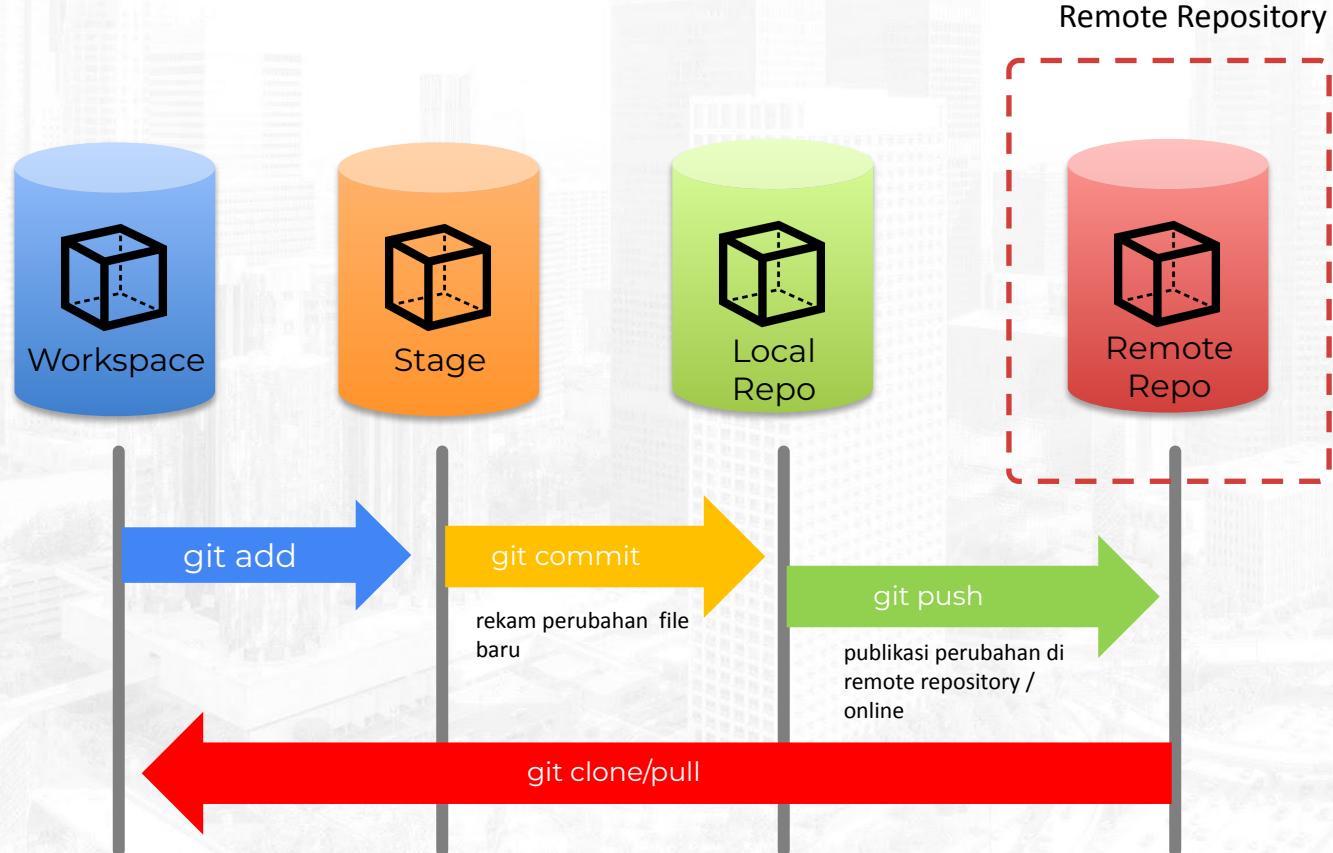


# Introduction to Github

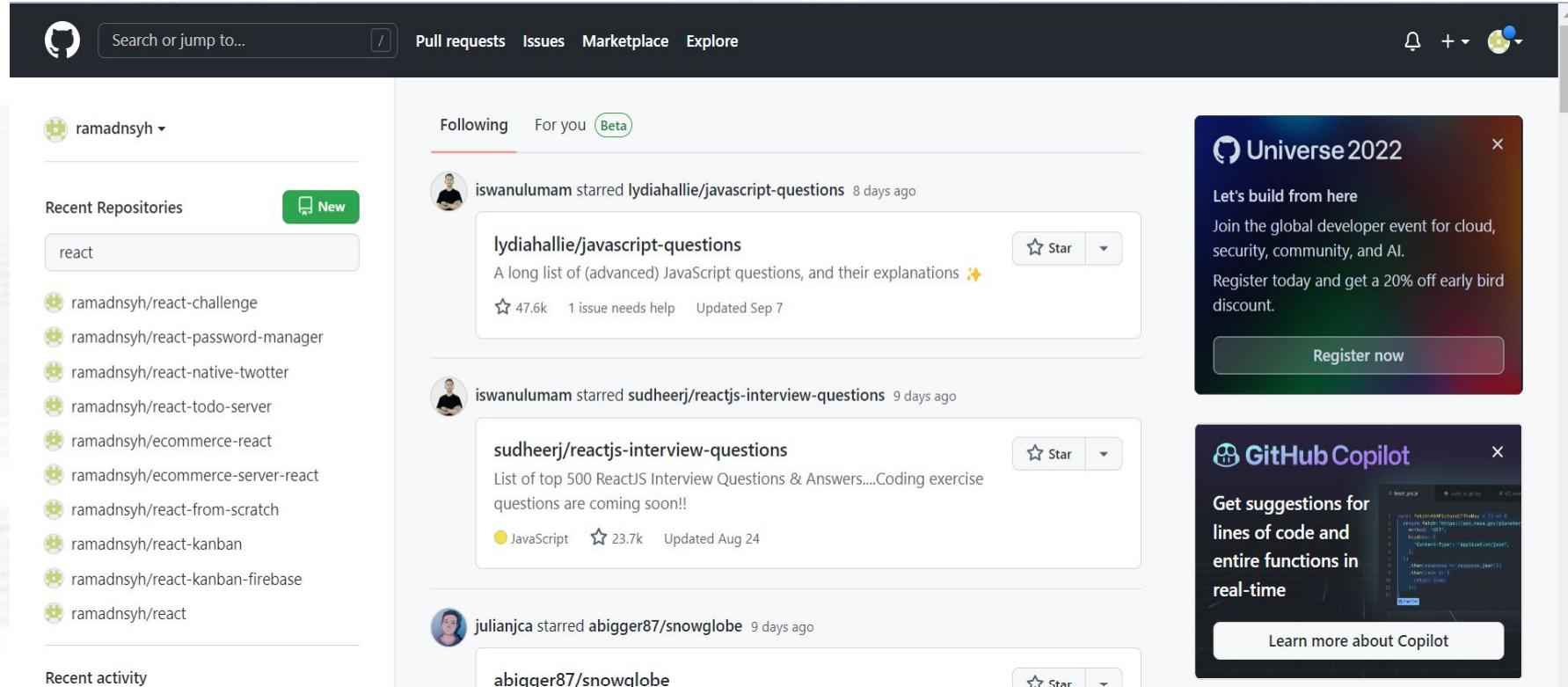
# Understanding Git Environment



# Understanding Git Environment



# Login Github Account



The screenshot shows a GitHub user profile for `ramadnsyh`. The profile includes a sidebar with recent repositories like `react`, `ramadnsyh/react-challenge`, and `ramadnsyh/react-todo-server`. The main feed shows three starred projects:

- lydiahallie/javascript-questions**: A long list of (advanced) JavaScript questions, and their explanations. Starred 8 days ago.
- sudheerj/reactjs-interview-questions**: List of top 500 ReactJS Interview Questions & Answers....Coding exercise questions are coming soon!! Starred 9 days ago.
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**Universe 2022**  
Let's build from here  
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Register today and get a 20% off early bird discount.  
[Register now](#)

**GitHub Copilot**  
Get suggestions for lines of code and entire functions in real-time  
[Learn more about Copilot](#)

# Create Remote Repository

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Owner \*      Repository name \*

 ramadinsy / project\_repo 

Great repository names are short and memorable. Need inspiration? How about legendary-couscous?

Description (optional)

Public

Anyone on the internet can see this repository. You choose who can commit.

Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

Add a README file

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

Choose a license

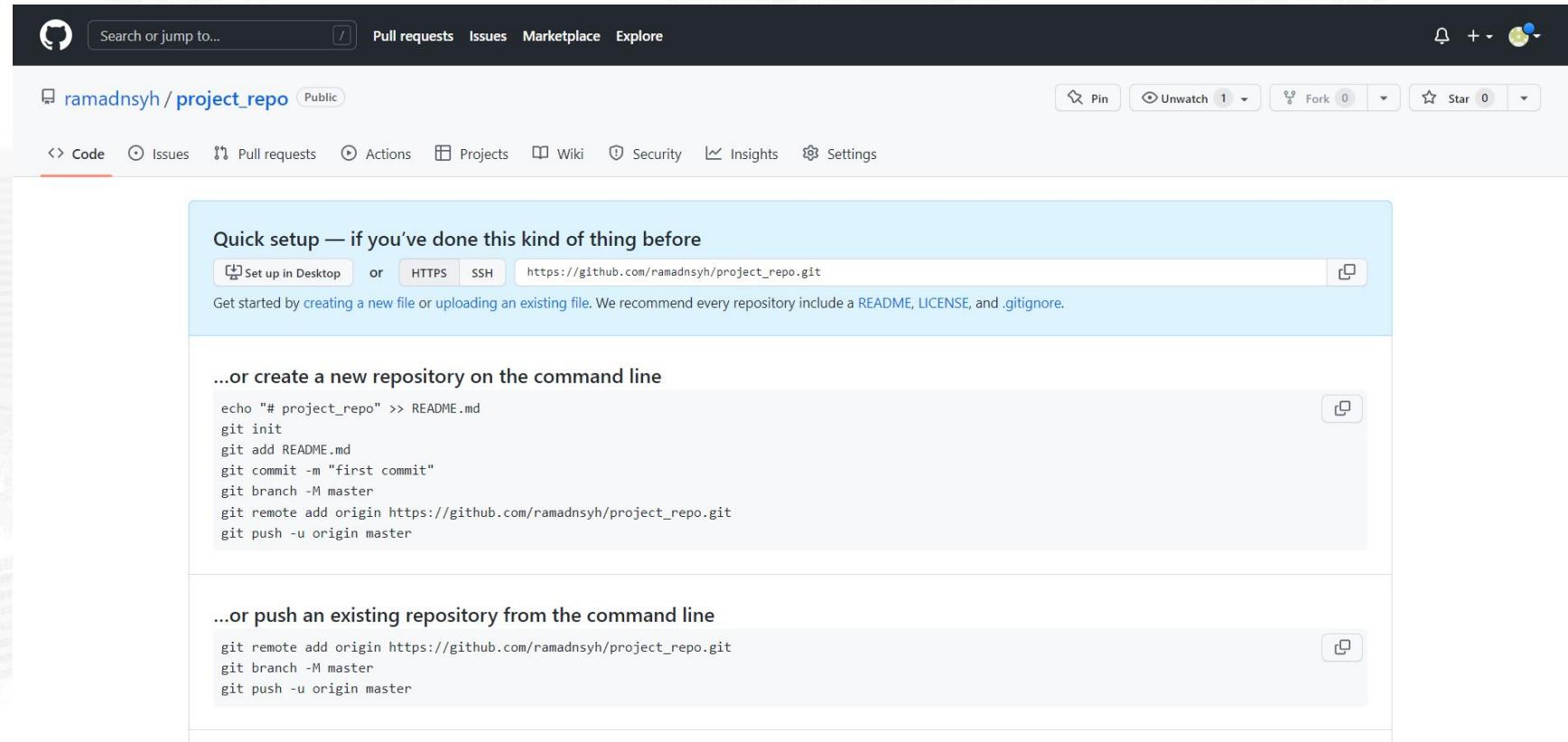
A license tells others what they can and can't do with your code. [Learn more.](#)

 You are creating a public repository in your personal account.

<b>Repository name</b>	Nama repository
<b>Description</b>	Penjelasan informasi mengenai repositori.
<b>Privacy Setting</b>	Pilihan untuk menentukan apakah repositori kita hanya dapat dilihat oleh umum atau privat yang artinya kita dapat memilih siapa yang bisa melihat repo kita.
<b>Initialize this repository with</b>	Tambahkan berkas-berkas opsional Ketika menginisiasi repositori.

<b>README file</b>	File yang berisi dokumentasi berkas. Biasanya penjelasan fungsional dari berkas-berkas yang ada.
<b>.gitignore</b>	Skrip untuk mendaftarkan berkas-berkas yang diabaikan untuk dilacak.
<b>License</b>	Penjelasan kepada para pengguna repositori apa yang boleh dan tidak boleh dilakukan terhadap berkas-berkas yang ada di repositori.

# Setup Github Repo



The screenshot shows a GitHub repository page for "ramadnsyh / project\_repo". The "Code" tab is selected. A prominent callout box provides quick setup instructions:

**Quick setup — if you've done this kind of thing before**

[Set up in Desktop](#) or [HTTPS](#) [SSH](#) [https://github.com/ramadnsyh/project\\_repo.git](https://github.com/ramadnsyh/project_repo.git)

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

Below this, another callout box shows command-line setup steps:

**...or create a new repository on the command line**

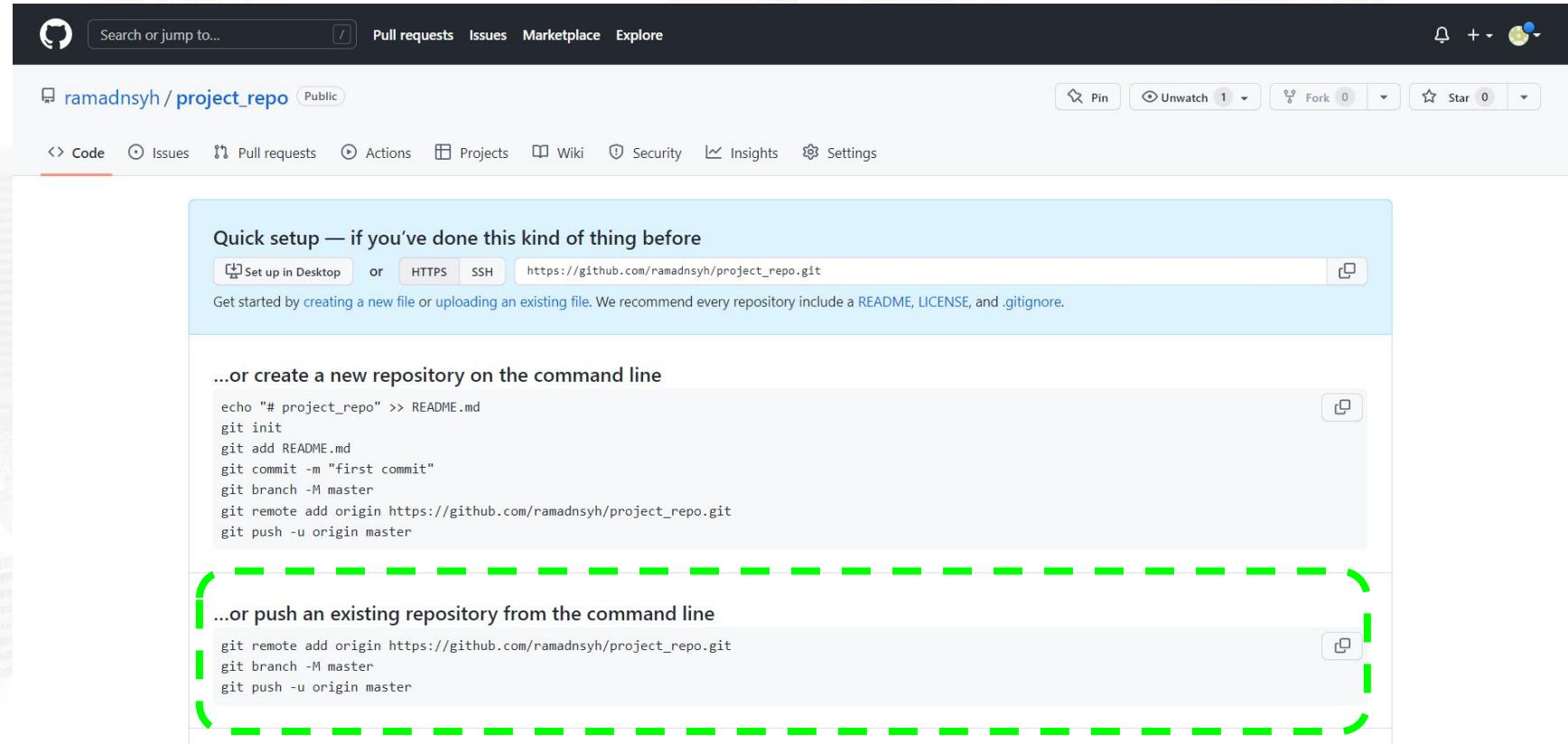
```
echo "# project_repo" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M master
git remote add origin https://github.com/ramadnsyh/project_repo.git
git push -u origin master
```

Finally, a third callout box shows how to push an existing repository:

**...or push an existing repository from the command line**

```
git remote add origin https://github.com/ramadnsyh/project_repo.git
git branch -M master
git push -u origin master
```

# Setup Github Repo



The screenshot shows a GitHub repository page for "ramadnsyh / project\_repo". The "Code" tab is selected. A prominent callout box highlights the "Quick setup — if you've done this kind of thing before" section, which includes instructions for setting up via desktop or HTTPS/SSH, and a link to the repository's .git file.

**Quick setup — if you've done this kind of thing before**

[Set up in Desktop](#) or [HTTPS](#) [SSH](#) [https://github.com/ramadnsyh/project\\_repo.git](https://github.com/ramadnsyh/project_repo.git)

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

**...or create a new repository on the command line**

```
echo "# project_repo" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M master
git remote add origin https://github.com/ramadnsyh/project_repo.git
git push -u origin master
```

**...or push an existing repository from the command line**

```
git remote add origin https://github.com/ramadnsyh/project_repo.git
git branch -M master
git push -u origin master
```

# Setup Remote Connection

Command Prompt

```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git remote add origin https://github.com/ramadnsyh/project_repo.git

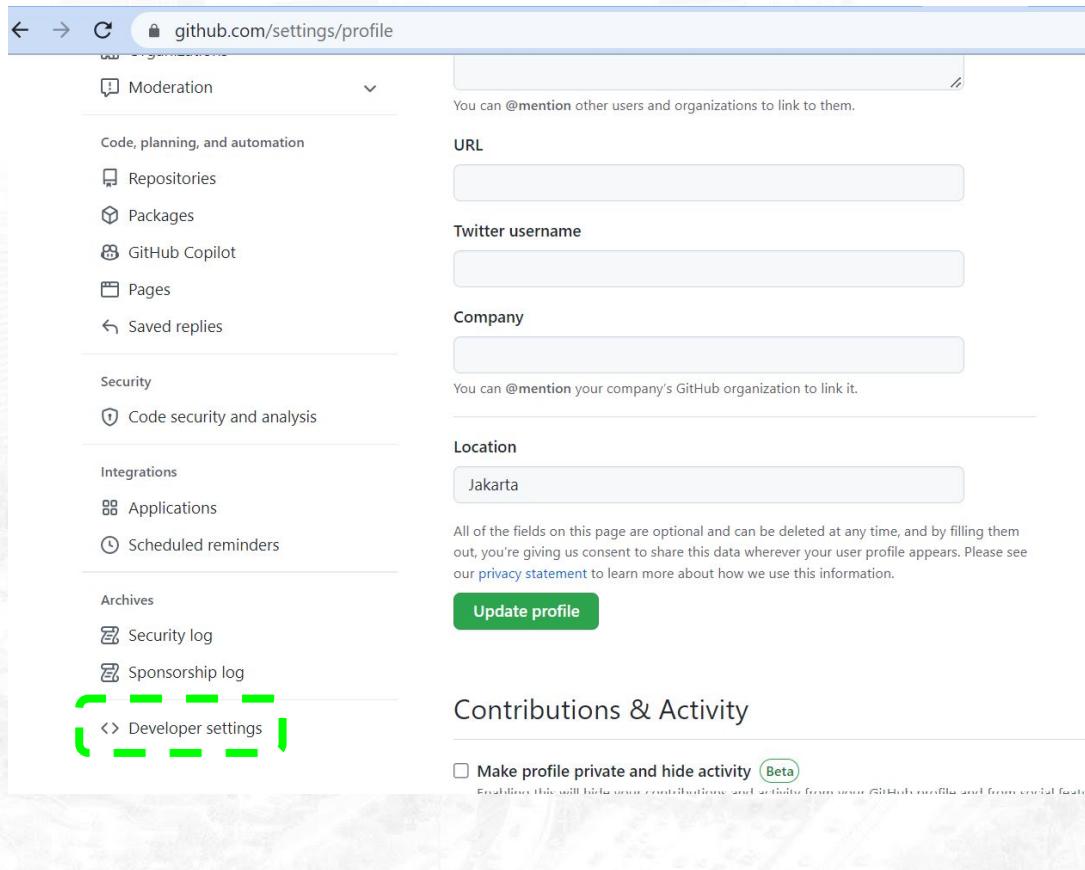
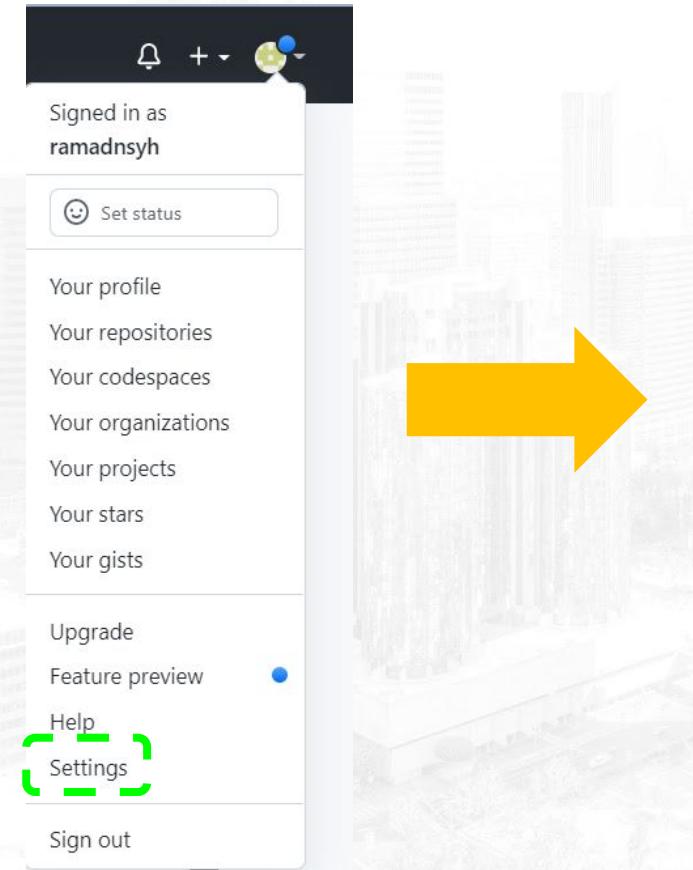
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git remote -v
origin  https://github.com/ramadnsyh/project_repo.git (fetch)
origin  https://github.com/ramadnsyh/project_repo.git (push)

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

Pastikan bahwa folder Git sudah memiliki tujuan repository yang diinginkan

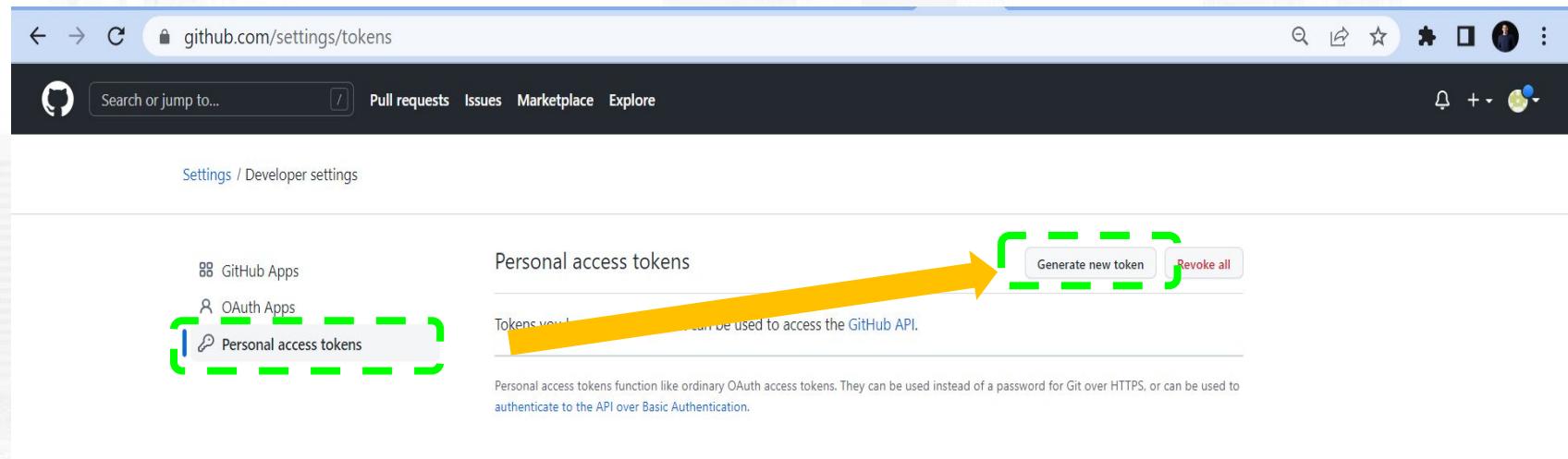
**git remote add origin <repository>**

# Get Github Personal Access Tokens



A screenshot of the GitHub "Profile" settings page. The URL in the browser is "github.com/settings/profile". On the left, there's a sidebar with sections for "Moderation", "Code, planning, and automation" (which lists "Repositories", "Packages", "GitHub Copilot", "Pages", and "Saved replies"), "Security" (with "Code security and analysis"), "Integrations" (with "Applications" and "Scheduled reminders"), "Archives" (with "Security log" and "Sponsorship log"), and "Developer settings" (indicated by a green dashed underline). The main content area has fields for "URL", "Twitter username", and "Company" (set to "Jakarta"). A note says you can @mention other users and organizations to link them. Another note says you can @mention your company's GitHub organization to link it. At the bottom, there's a "Update profile" button and a section for "Contributions & Activity" with a checkbox for "Make profile private and hide activity" (Beta).

# Get Github Personal Access Tokens



The screenshot shows the GitHub settings interface for generating personal access tokens. A green dashed box highlights the 'Personal access tokens' link in the sidebar. A large yellow arrow points from this link to the 'Generate new token' button at the top right of the main content area, which is also highlighted with a green dashed box.

github.com/settings/tokens

Search or jump to... Pull requests Issues Marketplace Explore

Settings / Developer settings

GitHub Apps OAuth Apps Personal access tokens

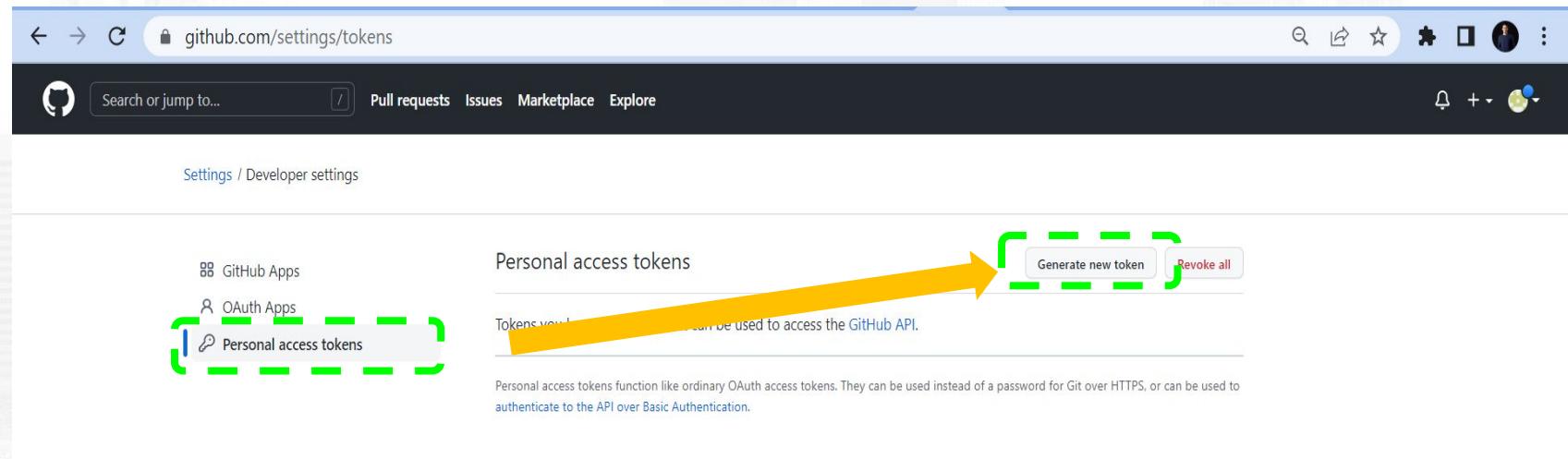
Personal access tokens

Generate new token Revoke all

Tokens you generate here can be used to access the GitHub API.

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

# Get Github Personal Access Tokens



The screenshot shows the GitHub settings interface for generating personal access tokens. A green dashed box highlights the 'Personal access tokens' link in the sidebar. A large yellow arrow points from this link to the 'Generate new token' button at the top right of the main content area, which is also highlighted with a green dashed box.

github.com/settings/tokens

Search or jump to... Pull requests Issues Marketplace Explore

Settings / Developer settings

GitHub Apps OAuth Apps Personal access tokens

Personal access tokens

Generate new token Revoke all

Tokens you generate here can be used to access the GitHub API.

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

# Get Github Personal Access Tokens

## New personal access token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

### Note

learn\_git

What's this token for?

### Expiration \*

7 days

The token will expire on Thu, Sep 22 2022

### Select scopes

Scopes define the access for personal tokens. [Read more about OAuth scopes.](#)

<input checked="" type="checkbox"/> repo	Full control of private repositories
<input type="checkbox"/> repo:status	Access commit status
<input type="checkbox"/> repo_deployment	Access deployment status
<input type="checkbox"/> public_repo	Access public repositories
<input type="checkbox"/> repo:invite	Access repository invitations
<input type="checkbox"/> security_events	Read and write security events

**Generate token**



## Personal access tokens

[Generate new token](#)

[Revoke all](#)

Tokens you have generated that can be used to access the [GitHub API](#).

Make sure to copy your personal access token now. You won't be able to see it again!

✓ ghp\_mNeGd7MxY2P0fww8bs4J8Yc1L19I2P3ZWygN 

[Delete](#)

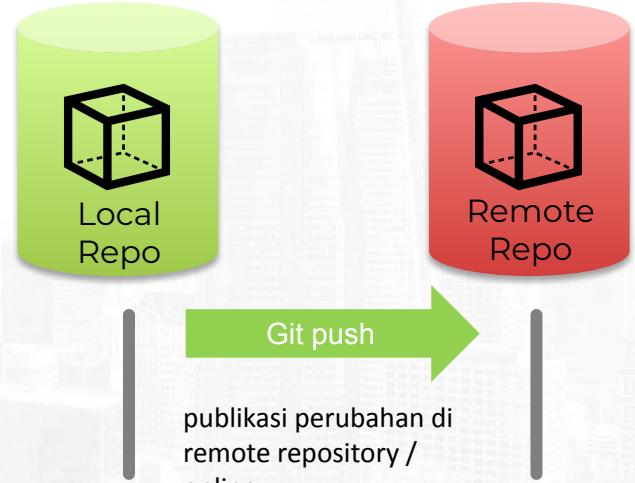
Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

# Git Push ([Dokumentasi](#))

`git push` digunakan untuk mempublikasikan sebuah unggahan berupa perubahan di repositori lokal ke repositori daring.

Syntax:

`git push`



```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git push -u origin master
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (6/6), 457 bytes | 228.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ramadnsyh/project_repo.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

# Github Repository

Searched: ramadnsyh / project\_repo (Public)

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master 2 branches 0 tags

Your master branch isn't protected

Protect this branch Dismiss

mramadnsyh Second Commit 7d37426 1 hour ago 2 commits

skripsi.txt Second Commit 1 hour ago

Add a README

No description, website, or topics provided.

0 stars 1 watching 0 forks

Releases

No releases published Create a new release

Packages

No packages published Publish your first package



# **YUK LATIHAN !!!**

# *Introduction to Git and Command Line Interface*

-  Introduction to Command Line Interface
-  Understanding git environment
-  Commit your first file
-  Introduction to Github
-   Create your own README



**Create your  
Own README.md**

# Repo Documentation (README)

README.md

## Twitter News Summarization

Twitter news summarization is a block of code that allows you to retweet certain tweet from twitter account and give replies to their posts with a summary of the article



A British tech mogul who sold his firm to HP for \$11 billion says 'we're nowhere near broad AI'

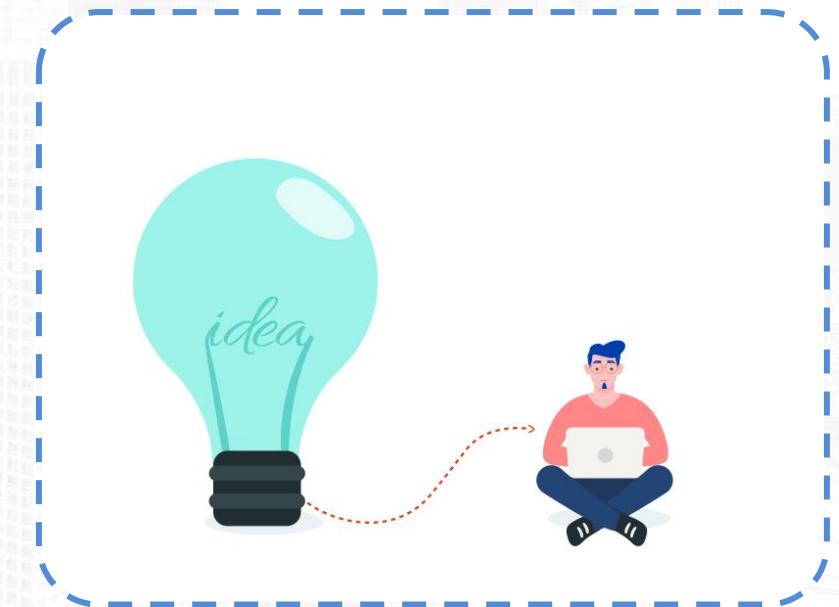
README adalah panduan dan penjelasan lengkap sebuah proyek.

Manfaat membuat README:

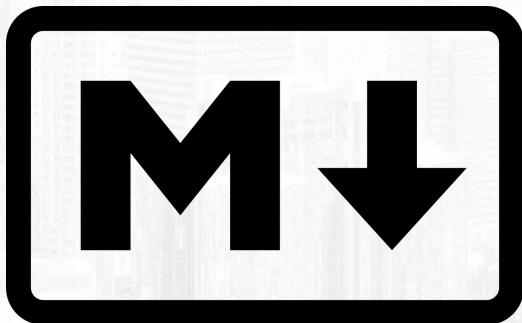
- Menjadi berkas pertama yang akan dilihat.
- Menjadikan portofolio lebih menonjol.
- Meningkatkan kemampuan menulis.

# Mengapa README

1. Penjelasan singkat terkait proyek
2. Mendokumentasikan langkah-langkah untuk menjalankan program
3. Mendokumentasikan secara lengkap bagaimana menggunakan program dan fungsi
4. Melihat referensi yang digunakan

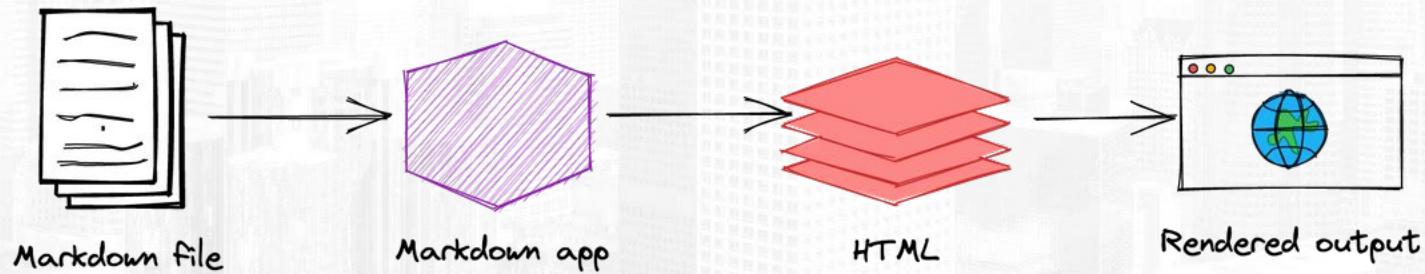


# Pengenalan Markdown



Markdown adalah alat konversi text-to-HTML untuk penulis website. Markdown memungkinkan kita untuk menulis menggunakan format teks biasa yang mudah dibaca dan mudah ditulis, kemudian dikonversikan ke dalam struktur yang lebih rapi.

# Cara Kerja Markdown



# Syntax Dasar Markdown

## Headings

Heading adalah judul yang posisinya di kepala halaman.

### Markdown

```
# Heading Level 1
```

```
## Heading Level 2
```

```
### Heading Level 3
```

### HTML

```
<h1>Heading Level 1</h1>
```

```
<h2>Heading Level 2</h2>
```

```
<h3>Heading Level 3</h3>
```

### Luaran

## Heading Level 1

## Heading Level 2

## Heading Level 3

## Paragraf

Untuk membuat paragraph, gunakan baris kosong untuk memisahkan satu atau lebih baris teks.

### Markdown

```
I really like using Markdown.
```

```
I think I'll use it to format all of my documents from now on.
```

### HTML

```
<p>I really like using Markdown.</p>
```

```
<p>I think I'll use it to format all of my documents from now on.</p>
```

### Luaran

I really like using Markdown.

I think I'll use it to format all of my documents from now on.

## Line Breaks

### Markdown

```
This is the first line.  
And this is the second line.
```

### HTML

```
<p>This is the first line.<br>  
And this is the second line.</p>
```

### Luaran

This is the first line.  
And this is the second line.

# Syntax Dasar Markdown

## Text Formatting

### Bold

Markdown	HTML	Luaran
I just love **bold text**.	I just love <strong>bold text</strong>.	I just love <b>bold text</b> .
I just love __bold text__.	I just love <strong>bold text</strong>.	I just love <b>bold text</b> .

### Italic

Markdown	HTML	Luaran
Italicized text is the *cat's meow*.	Italicized text is the <em>cat's meow</em>.	Italicized text is the <i>cat's meow</i> .
Italicized text is the _cat's meow_.	Italicized text is the <em>cat's meow</em>.	Italicized text is the <i>cat's meow</i> .

### Blockquotes

> Dorothy followed her through many of the beautiful rooms in her castle.

Dorothy followed her through many of the beautiful rooms in her castle.

# Syntax Dasar Markdown

## Lists

### Ordered Lists

Markdown	HTML	Luaran
1. First item 2. Second item 3. Third item 4. Fourth item	<ol> <li>First item</li> <li>Second item</li> <li>Third item</li> <li>Fourth item</li> </ol>	1. First item 2. Second item 3. Third item 4. Fourth item
1. First item 2. Second item 3. Third item 1. Indented item 2. Indented item 4. Fourth item	<ol> <li>First item</li> <li>Second item</li> <li>Third item <ol> <li>Indented item</li> <li>Indented item</li> </ol> </li> <li>Fourth item</li> </ol>	1. First item 2. Second item 3. Third item 1. Indented item 2. Indented item 4. Fourth item

### Unordered Lists

Markdown	HTML	Luaran
- First item - Second item - Third item - Fourth item	<ul> <li>First item</li> <li>Second item</li> <li>Third item</li> <li>Fourth item</li> </ul>	• First item • Second item • Third item • Fourth item
- First item - Second item - Third item - Indented item - Indented item - Fourth item	<ul> <li>First item</li> <li>Second item</li> <li>Third item - Indented item - Indented item </li> <li>Fourth item</li> </ul>	• First item • Second item • Third item ○ Indented item ○ Indented item • Fourth item

# Syntax Dasar Markdown

## Code Blocks

Markdown	Luaran
<ol style="list-style-type: none"><li>1. Open the file.</li><li>2. Find the following code block on line 21:<pre>&lt;html&gt; &lt;head&gt;   &lt;title&gt;Test&lt;/title&gt; &lt;/head&gt;</pre></li><li>3. Update the title to match the name of your website.</li></ol>	<ol style="list-style-type: none"><li>1. Open the file.</li><li>2. Find the following code block on line 21:<pre>&lt;html&gt; &lt;head&gt;   &lt;title&gt;Test&lt;/title&gt; &lt;/head&gt;</pre></li><li>3. Update the title to match the name of your website.</li></ol>

## Images

Markdown	Luaran
<ol style="list-style-type: none"><li>1. Open the file containing the Linux mascot</li><li>2. Marvel at its beauty. <pre>![Tux, the Linux mascot](/assets/images/tux.png)</pre></li><li>3. Close the file</li></ol>	<ol style="list-style-type: none"><li>1. Open the file containing the Linux mascot</li><li>2. Marvel at its beauty.</li><li>3. Close the file</li></ol> 

# Syntax Dasar Markdown

## Links

<b>Markdown</b>	My favorite search engine is [Duck Duck Go]( <a href="https://duckduckgo.com">https://duckduckgo.com</a> "The best search engine for privacy").
<b>Luaran</b>	My favorite search engine is <a href="#">Duck Duck Go</a>

## URL dan Alamat Email

<b>Markdown</b>	<b>Luaran</b>
< <a href="https://www.rakamin.com">https://www.rakamin.com</a> > < <a href="mailto:help@rakamin.com">help@rakamin.com</a> >	<a href="https://www.rakamin.com">https://www.rakamin.com</a> <a href="mailto:help@rakamin.com">help@rakamin.com</a>

# Membuat README.md

```
C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    README.md

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

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git add README.md

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git commit -a -m "add readme"
[master baeba54] add readme
 1 file changed, 4 insertions(+)
 create mode 100644 README.md

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 733 bytes | 733.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ramadnsyh/project_repo.git
  7d37426..baeba54  master -> master
branch 'master' set up to track 'origin/master'.

C:\Users\Rama\Documents\sandbox\python-courses\Collaborative Working using Git\intro_to_git\rakamin_project>
```

# **YUK LATIHAN !!!**

# *Introduction to Git and Command Line Interface*

-  Introduction to Command Line Interface
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# Terima Kasih!



M Ramadiansyah

Machine Learning Engineer



Muhammad Ramadiansyah

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