

PEMROGRAMAN BERORIENTASI OBJEK PBO-TI20192020-3-4

TUGAS HARIAN / STUDI KASUS

SK01-PBO-TI20192020-3-4

02. Pengenalan Pemrograman Java

Teguh Pribadi

<https://github.com/pribbadi> || 082 337 475 885

SK01-PBO-TI20192020-3-4-01

- ❑ Dengan Bahasa java,
Buat segitiga 1

Segitiga 1

```
1
11
111
1111
11111
111111
1111111
11111111
111111111
```

SK01-PBO-TI20192020-3-4-02

- ❑ Dengan Bahasa java,
Buat segitiga 2.

Segitiga 2

```

      2
     22
    222
   2222
  22222
 222222
2222222
22222222
222222222
```

SK01-PBO-TI20192020-3-4-03

- ❑ Dengan Bahasa java,
Buat segitiga 3.

Segitiga 3

```
3333333333
333333333
33333333
3333333
333333
33333
3333
333
33
3
```

SK01-PBO-TI20192020-3-4-04

- ❑ Dengan Bahasa java,
Buat segitiga 4.

Segitiga 4

```
4
44
444
4444
44444
444444
4444444
44444444
444444444
4444444444
```

SK01-PBO-TI20192020-3-4-05

- ❑ Dengan Bahasa java,
Buat segitiga 5.

Segitiga 5

```
5555555555
555555555
55555555
5555555
555555
55555
5555
555
55
5
```

100

- 

Segitiga 6

[illegible]

Ketentuan SK01-PBO-TI20192020-3-4

- ☐ Kerjakan lalu simpan dengan ketentuan format nama file :
 - a) Studi Kasus Nomor 1 → **nim-** SK01-PBO-TI20192020-3-4-01
(misal **109533423206-SK01-PBO-TI20192020-3-4 -01**) dan
 - b) Studi Kasus Nomor 2 → **nim-** SK01-PBO-TI20192020-3-4-02
(misal **109533423206-SK01-PBO-TI20192020-3-4 -02**)
 - seterusnya sampai 06*-----
 - f) Studi Kasus Nomor 1 → **nim-** SK01-PBO-TI20192020-3-4-06
(misal **109533423206-SK01-PBO-TI20192020-3-4 -06**)
- ☐ Pengumpulan melalui github.
- ☐ Ketentuan Pengumpulan Tugas :
 - ☐ 1 repository untuk tiap studi kasus.
 - ☐ Nama repository sesuai kode Studi Kasus, misal untuk tugas bab ini **NIM-SK01-PBO-TI20192020-3-4** misal **109533423206- SK01-PBO-TI20192020-3-4**.
- ☐ Ketentuan:
 - 1) Duplikasi/plagiasi = tidak mengumpulkan baik penduplikat maupun terduplikat (kecuali konfirmasi).
 - 2) Maksimal pengumpulan H-1 sebelum perkuliahan selanjutnya.

Cara Buat Repository Tugas

Buat Repository (login → Klik new)

The screenshot shows a web browser window with the GitHub website. The address bar shows 'github.com/pribbadi?tab=repositories'. The page displays the profile of a user named 'pribbadi'. On the left, there is a profile picture of a man in a red shirt and a bio that says 'pribbadi pribbadi' and 'yuk belajar yuk berbagi yuk belajar berbagi'. Below the bio is an 'Edit profile' button. On the right, there are tabs for 'Overview', 'Repositories' (18), 'Projects' (0), 'Packages' (0), 'Stars' (0), 'Followers' (24), and 'Following' (8). Below the tabs is a search bar 'Find a repository...' and filters for 'Type: All' and 'Language: All'. A green 'New' button is highlighted with a red box. Below the filters, there is a list of repositories:

- PBO-TI20192020-3-4**
Pemrograman Berorientasi Objek Teknik Informatika 2019-2020 semester 3 4 sks Unugiri
Java Updated 3 hours ago
- W3Schools-offline**
berisi versi-versi offline dari W3Schools
Updated yesterday
- AIPro-SK20192020-1-4**
Algoritma Pemrograman Sistem Komputer 2019-2020 semester 1 4 sks Unugiri
C++ Updated yesterday
- Sistem-Informasi-Presentator---SIPETOR**
Sistem Informasi Presentator ini merupakan sistem aplikatif untuk manajemen mahasiswa/siswa yang akan melakukan presentasi.
JavaScript Updated yesterday

Isikan (Repo name, Deskripsi, Public) ➔ create

Create a New Repository

GitHub, Inc. [US] | github.com/new

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

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner: pribbadi

Repository name *: 109533423206-SK01-AlPro-SK201 ✓

Great repository names are short and memorable. Need inspiration? How about [congenial-telegram?](#)

Description (optional): Studi Kasus 01 Matakuliah Algoritma Pemrograman dari 109533423206 [Teguh Pribadi] Prodi Sistem Komputer

☒ Public
Anyone can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

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

☒ Initialize this repository with a README
This will let you immediately clone the repository to your computer.

Add .gitignore: None | Add a license: None ⓘ

Create repository

Repository created

Repository page for `pribbadi/109533423206-SK01-AIPro-SK20192020-1-4` on GitHub.

Navigation: [Code](#) | [Issues 0](#) | [Pull requests 0](#) | [Projects 0](#) | [Wiki](#) | [Security](#) | [Insights](#) | [Settings](#)

Repository details: [1 commit](#) | [1 branch](#) | [0 releases](#) | [1 contributor](#)

Branch: `master` | [New pull request](#) | [Create new file](#) | [Upload files](#) | [Find File](#) | [Clone or download](#)

Commit history:

- `pribbadi` Initial commit | Latest commit 2f640ae now

Files:

- `README.md` | Initial commit | now

File content (README.md):

```
109533423206-SK01-AIPro-SK20192020-1-4
```

Studi Kasus 01 Matakuliah Algoritma Pemrograman dari 109533423206 [Teguh Pribadi] Prodi Sistem Komputer

Footer: © 2019 GitHub, Inc. | [Terms](#) | [Privacy](#) | [Security](#) | [Status](#) | [Help](#) | [Contact GitHub](#) | [Pricing](#) | [API](#) | [Training](#) | [Blog](#) | [About](#)

Clone ke computer

Install github desktop → login

The image shows a web browser window displaying the GitHub Desktop website. The browser's address bar shows the URL `desktop.github.com`. The website has a dark theme with a starry background. At the top center is the GitHub Octocat logo. Below it are links for [Overview](#), [Release Notes](#), and [Help](#). The main heading reads "The new native". Below this, a paragraph states: "Extend your GitHub workflow beyond your browser with GitHub Desktop, completely redesigned with Electron. Get a unified cross-platform experience that's completely open source and ready to customize." A prominent purple button in the center says "Download for Windows (64bit)". Below the button, smaller text says "Download for macOS or Windows (msi)" and "By downloading, you agree to the [Open Source Applications Terms](#)." At the bottom of the browser window, a portion of the GitHub Desktop application interface is visible, showing a menu bar (File, Edit, View, Repository, Branch, Help) and a status bar with fields for "Current repository" (desktop), "Current branch" (esc-pr #3972), and a "Fetch origin" button.

pribbadi/109533423206-SK01-AI x GitHub Desktop | Simple collabor x +

desktop.github.com

Overview Release Notes Help

The new native

Extend your GitHub workflow beyond your browser with GitHub Desktop, completely redesigned with Electron. Get a unified cross-platform experience that's completely open source and ready to customize.

[Download for Windows \(64bit\)](#)

Download for macOS or Windows (msi)

By downloading, you agree to the [Open Source Applications Terms](#).

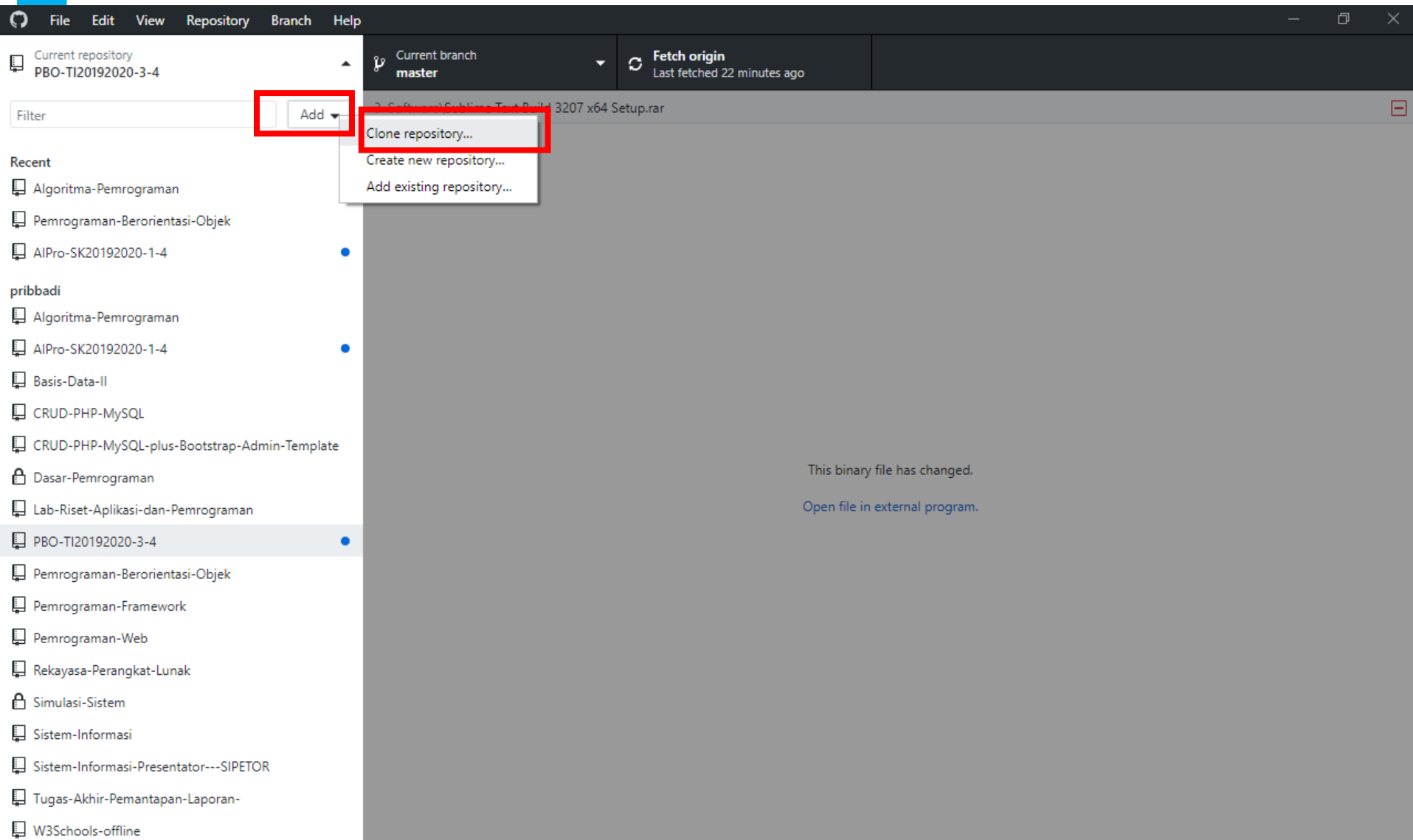
File Edit View Repository Branch Help

Current repository: desktop

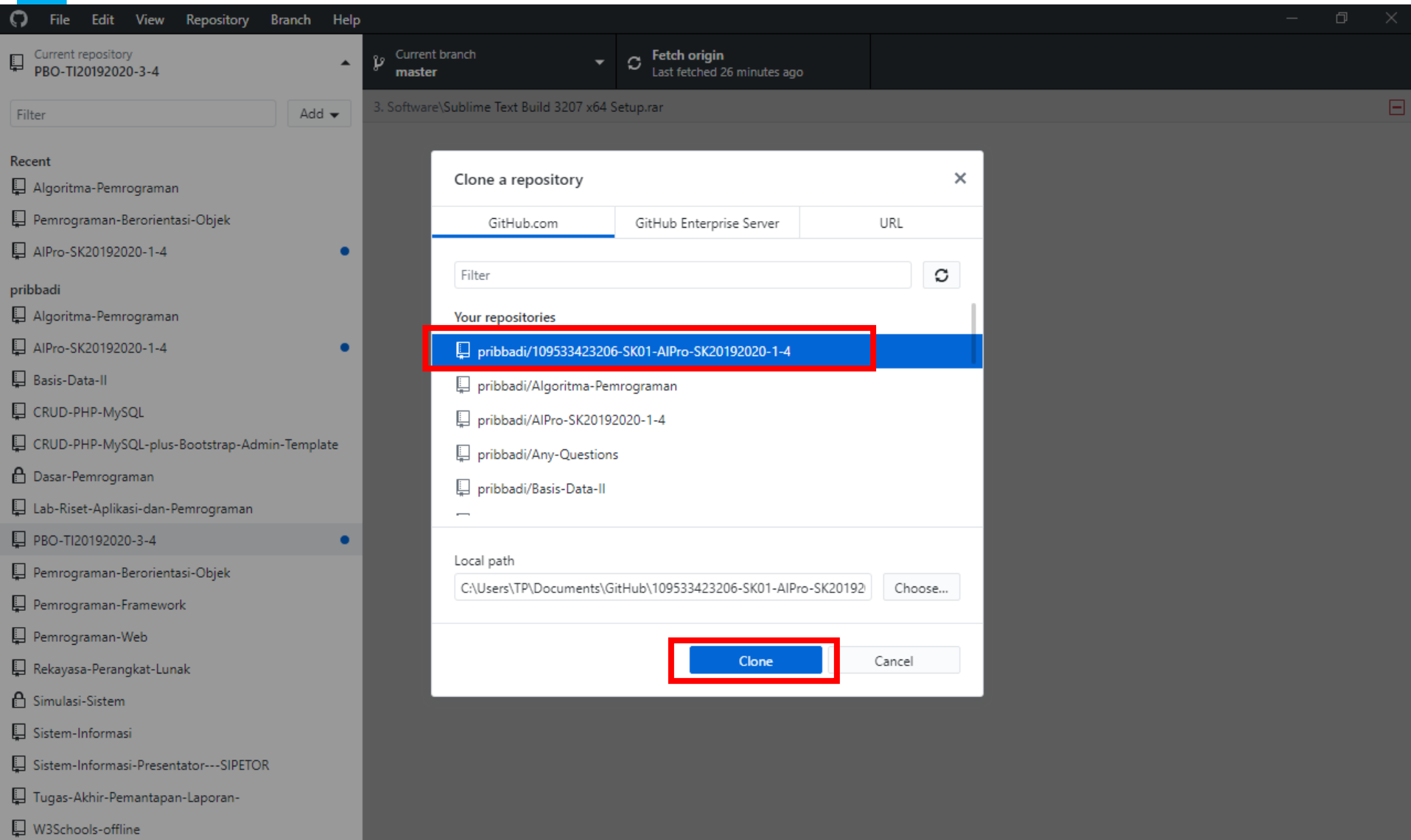
Current branch: esc-pr #3972 ✓

Fetch origin
Last fetched 2 minutes ago

Clone (login → klik Add → clone repository)



Pilih repo tugas ➔ klik clone



Hasil Clone

File | Home | Share | View | 109533423206-SK01-AIPPro-SK20192020-1-4

File Home Share View

← → ↕ ↑ This PC > Documents > GitHub > 109533423206-SK01-AIPPro-SK20192020-1-4

EPSON Easy Photo Print Photo Print

★ Quick access

☁ OneDrive

💻 This PC

3D Objects

Desktop

📄 Documents

↓ Downloads

🎵 Music

🖼 Pictures

🎬 Videos

💿 Local Disk (C:)

💿 Data (D:)

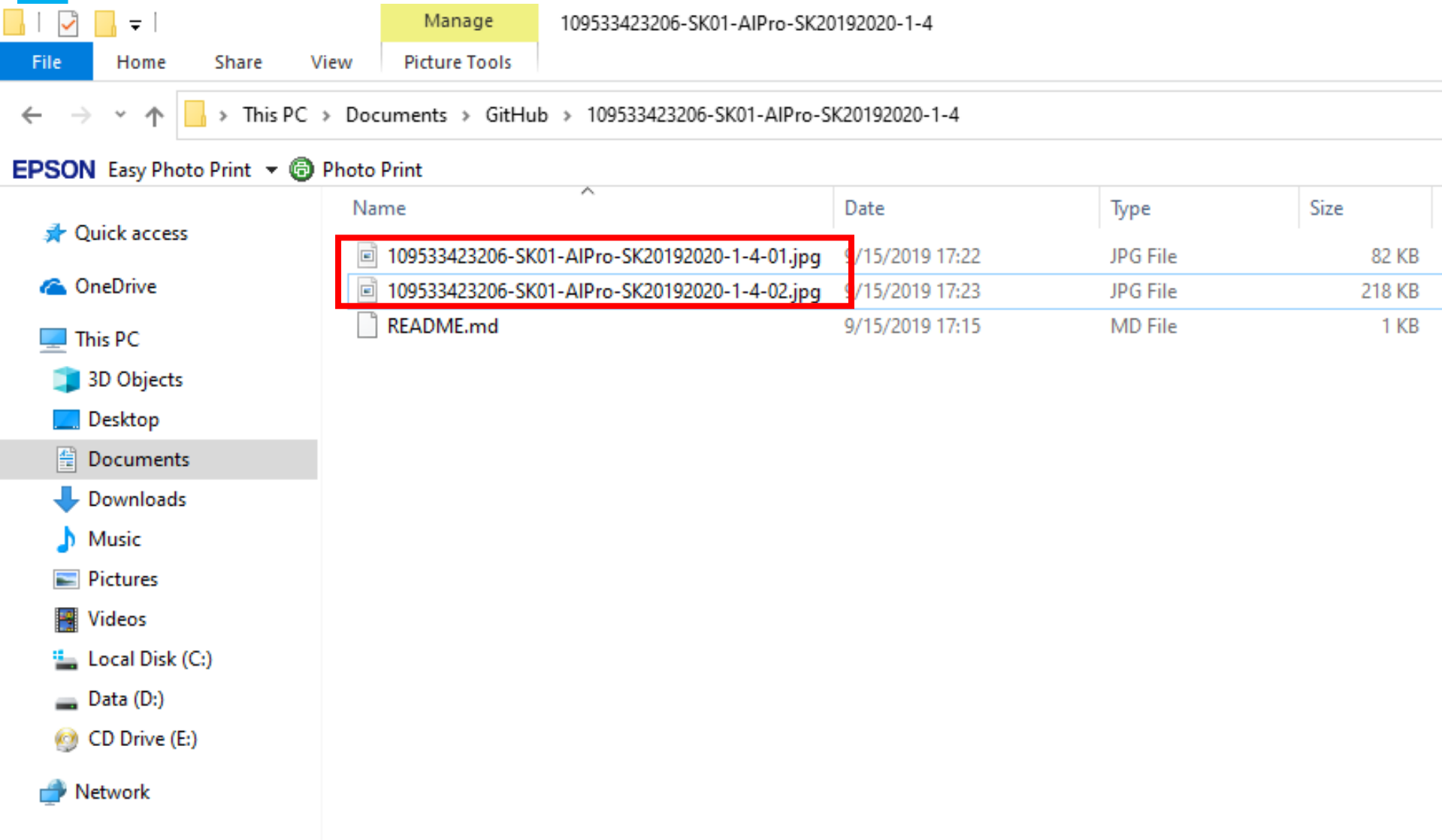
💿 CD Drive (E:)

🌐 Network

Name	Date modified	Type	Size
📄 README.md	9/15/2019 17:15	MD File	1 KB

Mengumpulkan tugas di repo

Copy data tugas ke folder dari repo clone



File Home Share View Manage 109533423206-SK01-AIPPro-SK20192020-1-4 Picture Tools

← → ↕ ↑ > This PC > Documents > GitHub > 109533423206-SK01-AIPPro-SK20192020-1-4

EPSON Easy Photo Print Photo Print

Quick access OneDrive This PC 3D Objects Desktop Documents Downloads Music Pictures Videos Local Disk (C:) Data (D:) CD Drive (E:) Network

Name	Date	Type	Size
109533423206-SK01-AIPPro-SK20192020-1-4-01.jpg	9/15/2019 17:22	JPG File	82 KB
109533423206-SK01-AIPPro-SK20192020-1-4-02.jpg	9/15/2019 17:23	JPG File	218 KB
README.md	9/15/2019 17:15	MD File	1 KB

Sesuaikan repo dari github desktop ➡ klik commite

The image shows a workflow for committing changes to a GitHub repository. It is divided into two main sections: the GitHub Desktop application on the left and the GitHub web interface on the right.

GitHub Desktop (Left Panel):

- Top Bar:** Shows the current repository as `109533423206-SK01-AIPPro-SK20192020-1-4` and the current branch as `master`. A `Fetch origin` button is available, indicating the last fetch was 9 minutes ago.
- Changes Panel:** A red box highlights the `Changes` tab, which shows `2 changed files`. The files listed are `109533423206-SK01-AIP...SK20192020-1-4-01.jpg` and `109533423206-SK01-AIP...SK20192020-1-4-02.jpg`, both with green plus icons indicating they are staged for commit.
- Commit Panel:** A red box highlights the commit preparation area at the bottom. It includes a text input field with the placeholder `Upload Tugas Studi Kasus 01`, a `Description` field, and a prominent blue `Commit to master` button.

GitHub Web Interface (Right Panel):

- Profile:** Displays the profile of `pribbadi` (pribbadi), including a profile picture, a bio, and a link to `Set status`.
- Overview:** Shows repository statistics: `Repositories 19`, `Projects 0`, `Packages 0`, `Stars 0`, `Followers 24`, and `Following 8`.
- Pinned:** A section titled `Customize your pins` showing four pinned repositories:
 - `E-Book`: Kumpulan buku bagus 'menurut penulis'
 - `Pemrograman-Web`: berisi bahan ajar, referensi, dan software dari matakuliah pemrograman web yang mengacu pada AKN Bojonegoro PDD Polinema (PHP)
 - `AIPPro-SK20192020-1-4`: Algoritma Pemrograman Sistem Komputer 2019-2020 semester 1 4 sks Unugiri (C++)
 - `PBO-TI20192020-3-4`: Pemrograman Berorientasi Objek Teknik Informatika 2019-2020 semester 3 4 sks Unugiri (Java)
- Contributions:** A section titled `239 contributions in the last year` showing a contribution grid for the last year (Sep to Sep). The grid shows green squares indicating contributions on various days. A legend at the bottom right indicates `Less` and `More` contributions with green squares of varying sizes.

Klik Push Origin

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

- Menu Bar:** File, Edit, View, Repository, Branch, Help.
- Toolbar:** Current repository: 109533423206-SK01-AIPPro-SK20192020-1-4; Current branch: master; Push origin (Last fetched 13 minutes ago, 1 commit).
- Left Panel:** Changes (0 changed files) and History tabs.
- Main Area:** "No local changes" message with suggestions for next steps.
 - Push 1 commit to the origin remote:** You have one local commit waiting to be pushed to GitHub. Always available in the toolbar when there are local commits waiting to be pushed or `Ctrl P`. The **Push origin** button is highlighted with a red box.
 - Open the repository in your external editor:** Select your editor in [Options](#). Repository menu or `Ctrl Shift A`. Button: **Open in Sublime Text**.
 - View the files of your repository in Explorer:** Repository menu or `Ctrl Shift F`. Button: **Show in Explorer**.
 - Open the repository page on GitHub in your browser:** Repository menu or `Ctrl Shift G`. Button: **View on GitHub**.
- Bottom Panel:** Summary (required) field, Description field, and a **Commit to master** button.
- Status Bar:** Committed just now, Upload Tugas Studi Kasus 01, and an **Undo** button.

Sukses Upload, bisa cek View on Github

The screenshot shows the GitHub Desktop application window. The top bar includes the GitHub logo and menu items: File, Edit, View, Repository, Branch, and Help. Below the menu bar, the 'Current repository' is set to '109533423206-SK01-AIPPro-SK20192020-1-4' and the 'Current branch' is 'master'. A 'Fetch origin' button is visible, indicating the last fetch was 'just now'.

The main area displays 'No local changes' with a message: 'There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.' To the right of this message is a small illustration of a stack of books.

Three suggestions are listed in a box:

- Open the repository in your external editor**
Select your editor in [Options](#)
Repository menu or `Ctrl` | `Shift` | `A`
[Open in Sublime Text](#)
- View the files of your repository in Explorer**
Repository menu or `Ctrl` | `Shift` | `F`
[Show in Explorer](#)
- Open the repository page on GitHub in your browser**
Repository menu or `Ctrl` | `Shift` | `G`
[View on GitHub](#)

The 'View on GitHub' button is highlighted with a red rectangular box.

On the left sidebar, there is a 'Changes' tab showing '0 changed files' and a 'History' tab. At the bottom of the sidebar, there is a 'Summary (required)' field, a 'Description' field, and a 'Commit to master' button.

Tugas SK01 uploaded

github.com/pribbadi/109533423206-SK01-AIPro-SK20192020-1-4

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

pribbadi / 109533423206-SK01-AIPro-SK20192020-1-4

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

Studi Kasus 01 Matakuliah Algoritma Pemrograman dari 109533423206 [Teguh Pribadi] Prodi Sistem Komputer

Manage topics

2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request

Create new file Upload files Find File Clone or download

pribbadi Upload Tugas Studi Kasus 01 Latest commit ceed944 3 minutes ago

109533423206-SK01-AIPro-SK20192020-1-4-01.jpg	Upload Tugas Studi Kasus 01	3 minutes ago
109533423206-SK01-AIPro-SK20192020-1-4-02.jpg	Upload Tugas Studi Kasus 01	3 minutes ago
README.md	Initial commit	28 minutes ago

README.md

109533423206-SK01-AIPro-SK20192020-1-4

Studi Kasus 01 Matakuliah Algoritma Pemrograman dari 109533423206 [Teguh Pribadi] Prodi Sistem Komputer