



PRAKTIKUM DASAR-DASAR PEMROGRAMAN

Pengampu

Wenty Dwi Yuniarti

source: <https://github.com/whentea>



GOOGLE COLAB



Google Colab (Colaboratory) is


free Jupyter Notebook Environment that runs in the cloud
and not require any setup

write and execute Python directly from the browser, save and share

Let's begin type this link

<https://colab.research.google.com/notebooks/intro.ipynb>

WELCOME TO COLABORATORY

 Welcome To Colaboratory

File Edit View Insert Runtime Tools Help



Share  [Sign in](#)

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 What is Colaboratory?

Colaboratory, or "Colab" for short, allows you to write and execute Python in your browser, with

- Zero configuration required
- Free access to GPUs
- Easy sharing

Whether you're a **student**, a **data scientist** or an **AI researcher**, Colab can make your work easier. Watch [Introduction to Colab](#) to learn more, or just get started below!

▼ Getting started

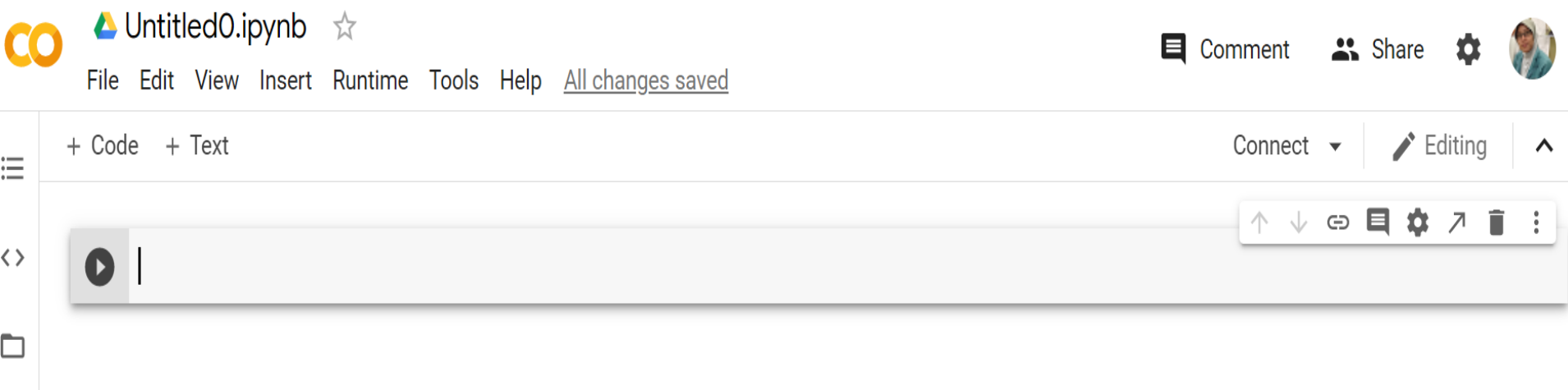
The document you are reading is not a static web page, but an interactive environment called a **Colab notebook** that lets you write and execute code.

For example, here is a **code cell** with a short Python script that computes a value, stores it in a variable, and prints the result:

SIGN IN WITH A GOOGLE ACCOUNT

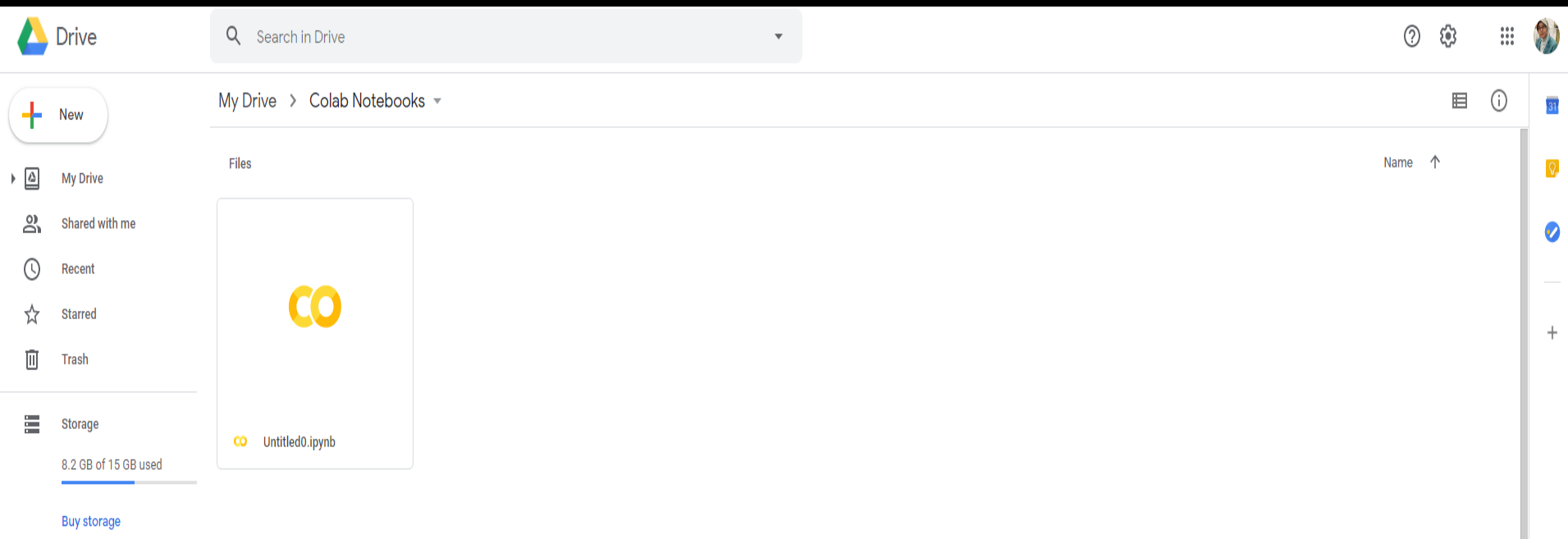
In order to execute code, you need a google account

Buat file baru:
File → New Notebook



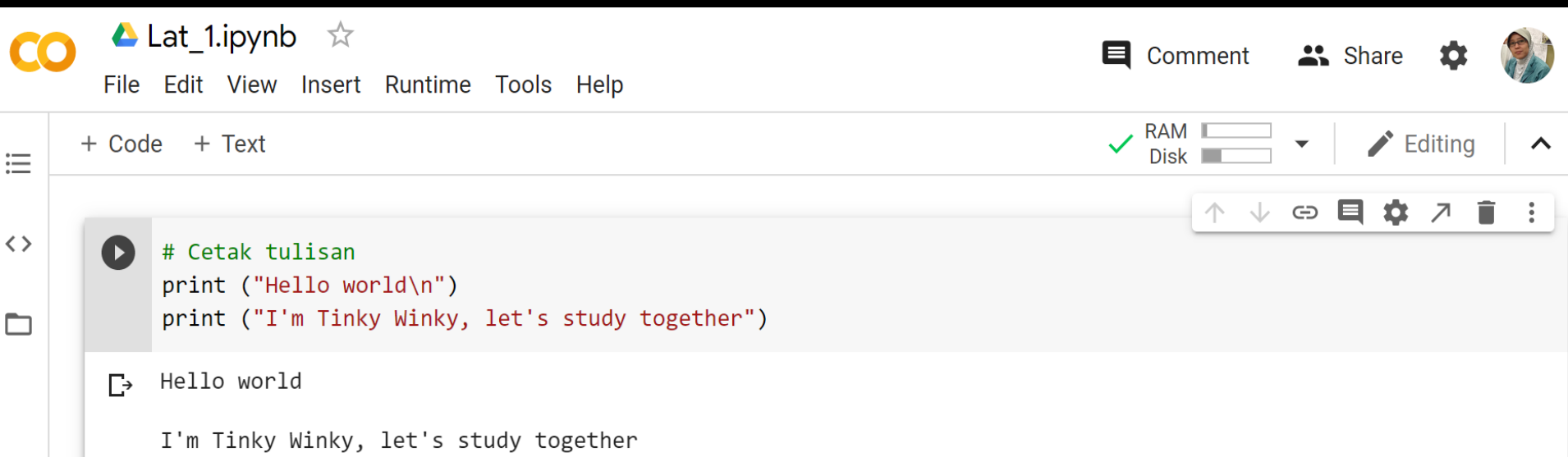
The screenshot displays the Google Colab web interface. At the top, the title bar shows the Colab logo, the file name 'Untitled0.ipynb', and a star icon. Below the title bar is a menu bar with options: File, Edit, View, Insert, Runtime, Tools, and Help. A status message 'All changes saved' is visible on the right side of the menu bar. To the right of the menu bar are icons for 'Comment', 'Share', a settings gear, and a user profile picture. Below the menu bar, there is a toolbar with '+ Code' and '+ Text' buttons. On the right side of the toolbar are 'Connect', 'Editing' (with a pencil icon), and an upward arrow. The main workspace is a large light gray area with a play button icon and a vertical cursor. On the right side of the workspace is a context menu with icons for undo, redo, link, comment, settings, share, delete, and a more options menu. On the left side of the workspace is a sidebar with a file explorer icon and a code editor icon.

Dalam Google Drive Saudara, secara otomatis akan muncul folder “Colab Notebooks”, dan file yang saat ini sedang dibuat (**untitled0.ipynb**) telah tersimpan otomatis didalamnya.



BUAT SCRIPT DAN EXECUTE

Tulis script. Rename nama file menjadi Lat_1
Jalankan dengan menekan RUN atau Ctrl+F9 atau Shift+Enter
Insert Cell below dengan Alt+Enter



The screenshot shows a Jupyter Notebook interface. At the top, the file is named 'Lat_1.ipynb'. The menu bar includes 'File', 'Edit', 'View', 'Insert', 'Runtime', 'Tools', and 'Help'. On the right, there are buttons for 'Comment', 'Share', and a user profile icon. Below the menu bar, there are tabs for '+ Code' and '+ Text'. A status bar on the right shows 'RAM' and 'Disk' usage, a green checkmark, and a dropdown menu. The main area contains a code cell with the following Python code:

```
# Cetak tulisan
print ("Hello world\n")
print ("I'm Tinky Winky, let's study together")
```

Below the code cell, the output is displayed:

```
↳ Hello world










I'm Tinky Winky, let's study together
```

On the far left, there are icons for a sidebar, a code editor, and a file explorer. On the far right, there is a toolbar with icons for undo, redo, link, comment, settings, expand, and delete.

Open Notebook → Pilih Google Drive → ambil file


Examples
Recent
Google Drive
GitHub
Upload

Filter notebooks



| Title | Owner | Last modified | Last opened | | |
|---|----------------|----------------|----------------|---|---|
|  Lat_1.ipynb <div>Open notebook</div> | wenty yuniarti | 7 minutes ago | 7 minutes ago |  |  |
|  Untitled0.ipynb | wenty yuniarti | 33 minutes ago | 33 minutes ago |  |  |
|  Latihan1.ipynb | wenty yuniarti | 1 hour ago | 1 hour ago |  |  |

CANCEL




COMMENT


 Lat_1.ipynb ☆

File Edit View Insert Runtime Tools Help [All changes saved](#)


Comment Share  

+ Code + Text


✓ RAM  Disk  Editing 



```
# Cetak tulisan
print ("Hello world\n")
print ("I'm Tinky Winky, let's study together")
```


 Hello world
I'm Tinky Winky, let's study together

[]

 wenty yuniarti
12:48 PM Today


Comment...

Comment Cancel



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# Cetak tulisan
print ("Hello world\n")
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Hello world
I'm Tinky Winky, let's study together

 wenty yuniarti
12:48 PM Today

Silahkan dibuat dalam 3 baris. Hello World.
I'm Tinky Winky. Let's study together

Comment Cancel

COMMENT

 Lat_1.ipynb ☆

File Edit View Insert Runtime Tools Help [All changes saved](#)

 Comment  Share  

+ Code + Text

✓ RAM Disk Editing ^



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Hello world

I'm Tinky Winky, let's study together

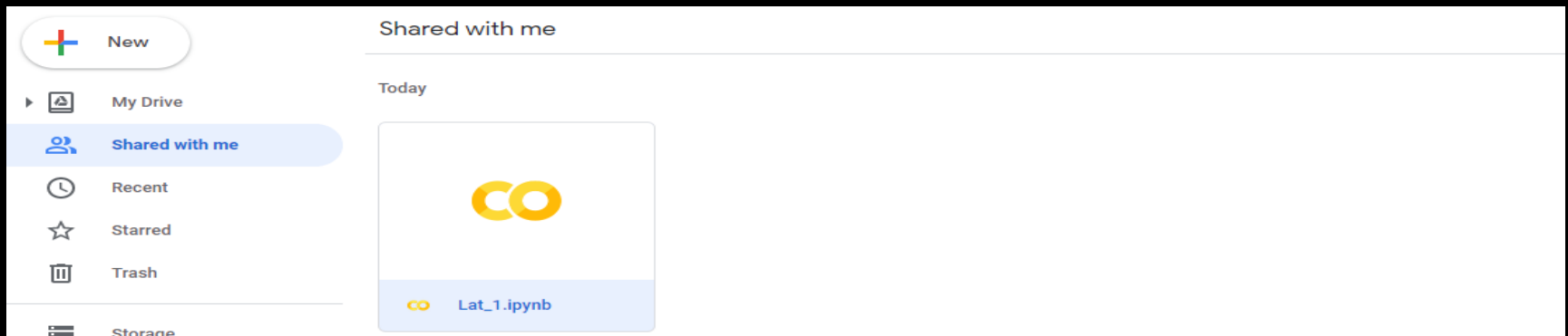
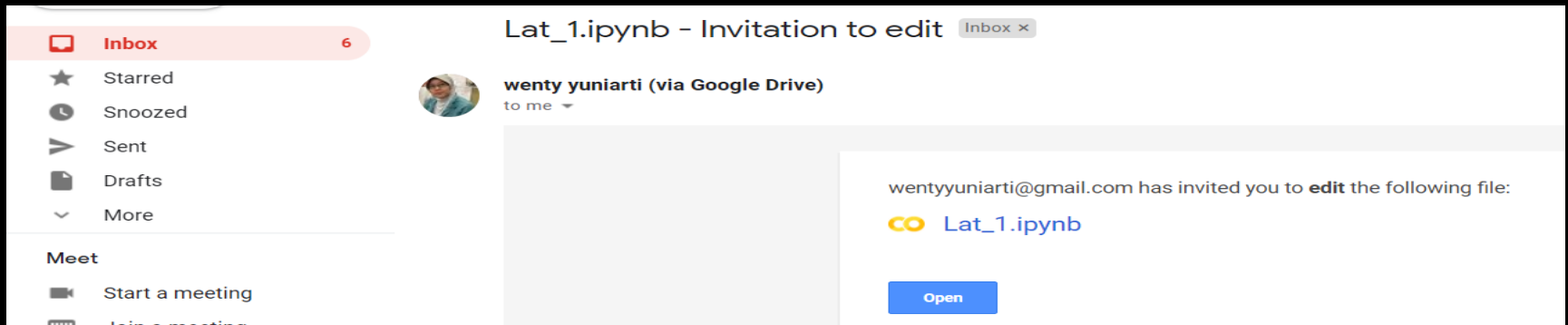


wenty yuniarti
12:48 PM Today

[Resolve](#)

Silahkan dibuat dalam 3 baris. Hello World. I'm Tinky Winky. Let's study together

Jika suatu file dishare, maka, file akan masuk di 1) Inbox si penerima, 2) Google Drive.
Untuk nomor 1) klik OPEN





DO DIGITAL. STAY HUMAN.