

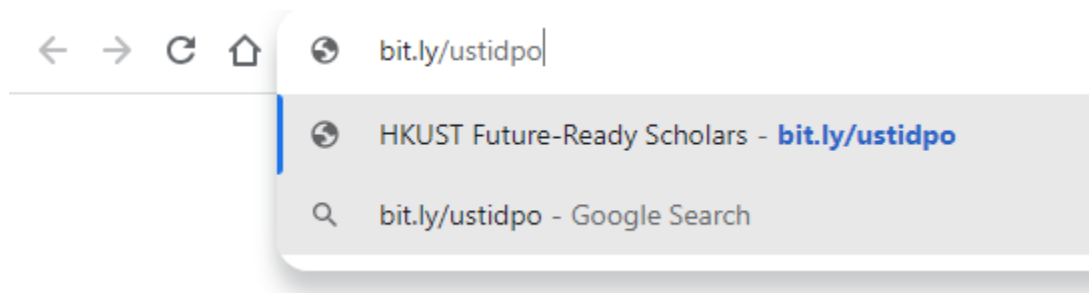
## Uploading Jupyter Notebooks to Google Colaboratory

1. Double click the “**Google Chrome**” icon.
2. Type in the link [bit.ly/ustidpo](https://bit.ly/ustidpo) in the box above the new window by clicking the box. Then, press the Enter key after all the text has been typed.
3. You should see the webpage in **Step 3** below.
4. Click on the **File** button below “Workshop 1: Jupyter Notebook File”.
5. You should see “**Workshop-1-Practice.ipynb**” pop up in the upper-right corner of the screen. This should look like the picture in Step 5.
6. Close Google Chrome by clicking the “**x**” button on the top right corner of the screen.
7. Double click on “Google Chrome” again.
8. This time, type in the link [colab.research.google.com](https://colab.research.google.com) in the box above the new window by first clicking the box. Then, press enter after all the text has been typed.
9. You should see the webpage in **Step 9** below.
10. Click **Sign In** in the top right corner of the screen.
11. Type in your email in the box “Email or phone” by clicking on the box.
12. Press the “**Next**” button after typing in the email.
13. You might receive a prompt about “Select all images with {some object}”. Please finish the exercise.
14. Press the “**Verify**” button after you’re done.
15. Type in your password in the box “**Enter your password**” by clicking on the box. It is normal to have dots instead of your password shown when you type in your password. Please do not be worried.
16. Press the “**Next**” button after you type in your password.
17. You should see the screen in **Step 17** after finishing.
18. Click on “**Upload**” on the left bar, as shown in the image of **Step 18**.
19. Click on “**Browse**” in the middle of the screen.
20. Click on “**Downloads**” in the new window.
21. **Double click** on the file “Workshop-1-Practice.ipynb”.
22. You should now see the webpage in **Step 22** below. Well done!

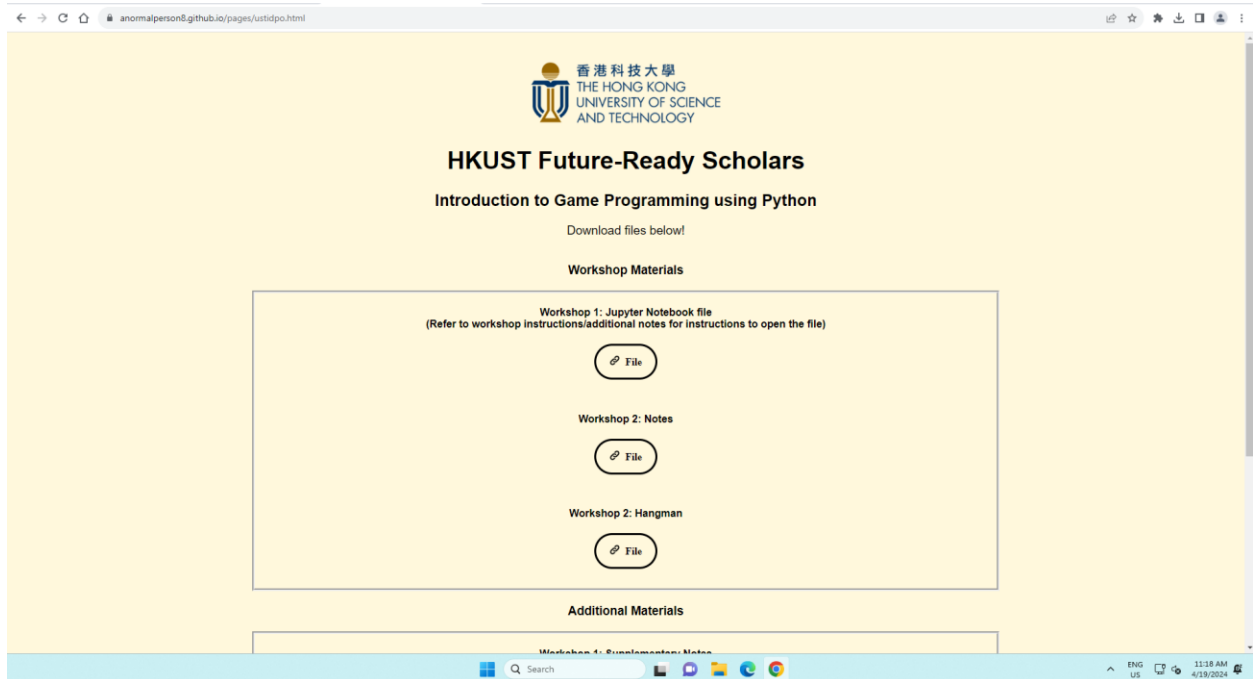
(Step 1)



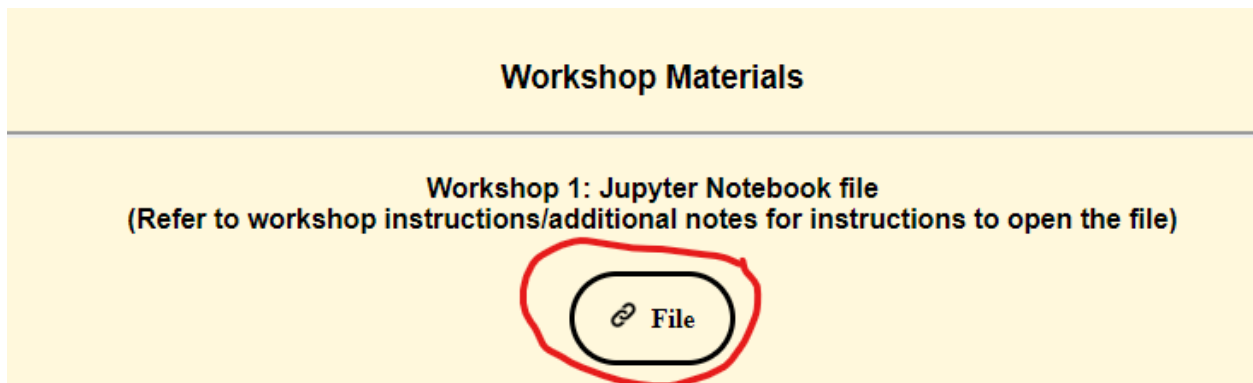
(Step 2)



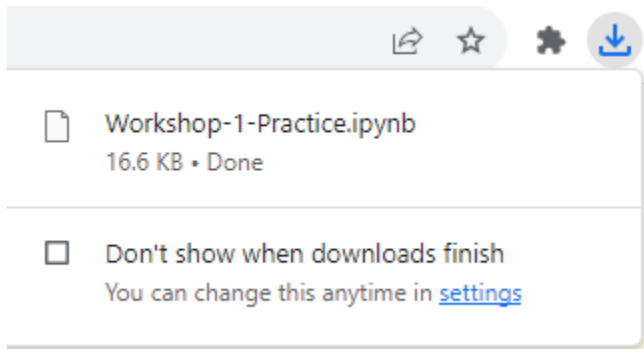
(Step 3)



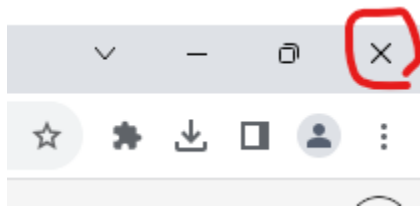
(Step 4)



(Step 5)



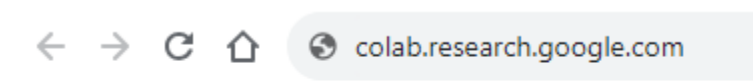
(Step 6)



(Step 7)



(Step 8)



## (Step 9)

Welcome To Colaboratory

File Edit View Insert Runtime Tools Help

Share Sign in

Table of contents

- Getting started
- Data science
- Machine learning
- More Resources
- Featured examples

+ Section

Welcome to Colab!

(New) Try the Gemini API

- [Generate a Gemini API key](#)
- [Create a marketing campaign from a product sketch of a Jet Backpack](#)
- [Gemini API Quickstart with Python](#)
- [Gemini API code sample](#)
- [Compare Gemini with ChatGPT](#)
- [More notebooks](#)

If you're already familiar with Colab, check out this video to learn about interactive tables, the executed code history view, and the command palette.

3 Cool Google Colab Features

What is Colab?

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

- Zero configuration required
- Access to GPUs free of charge
- Easy sharing

## (Step 10)

Share Sign in

Connect

## (Step 11)

Sign in

Use your Google Account

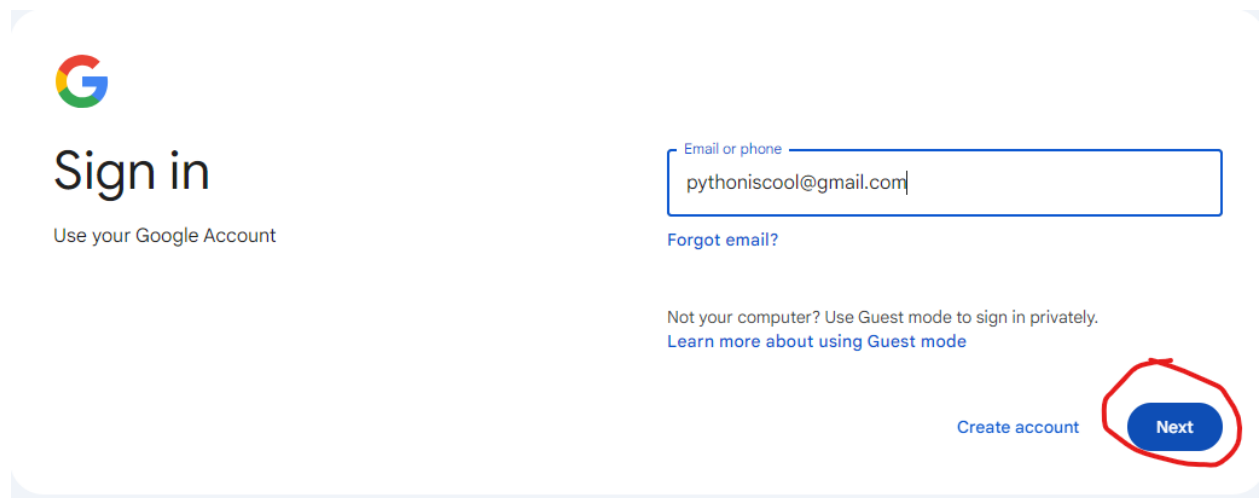
Email or phone

Forgot email?

Not your computer? Use Guest mode to sign in privately.  
[Learn more about using Guest mode](#)

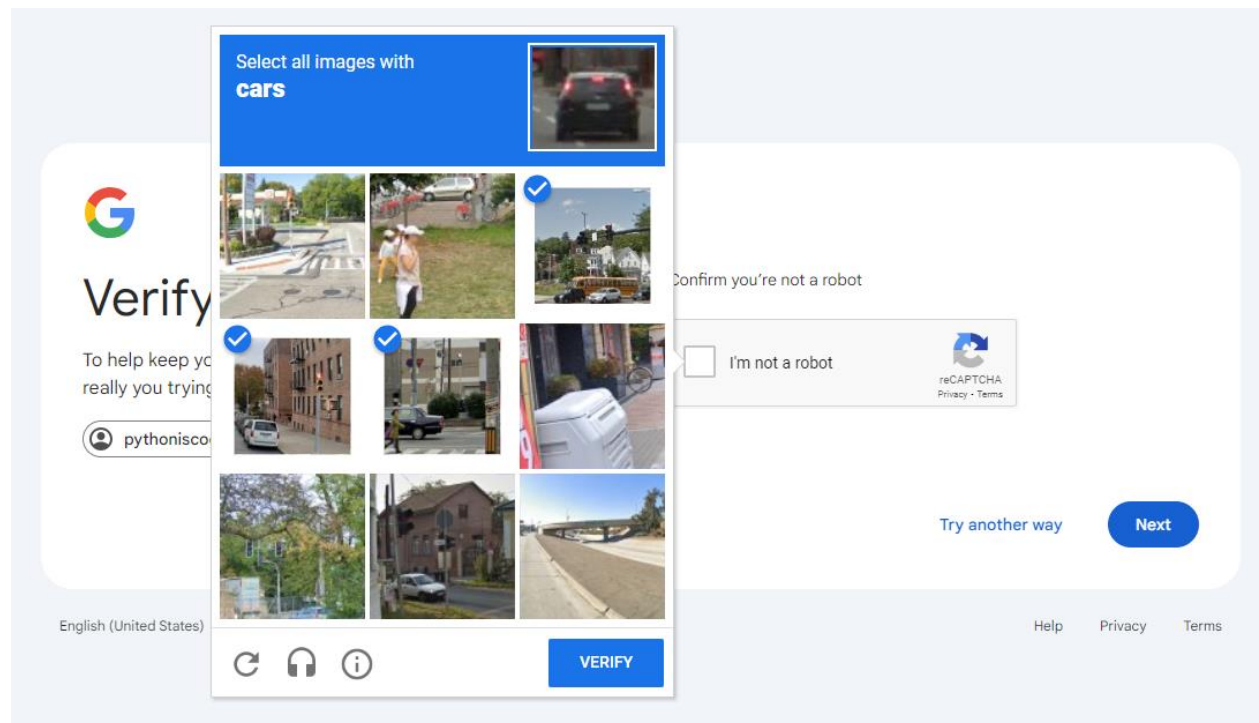
Create account Next

(Step 12)



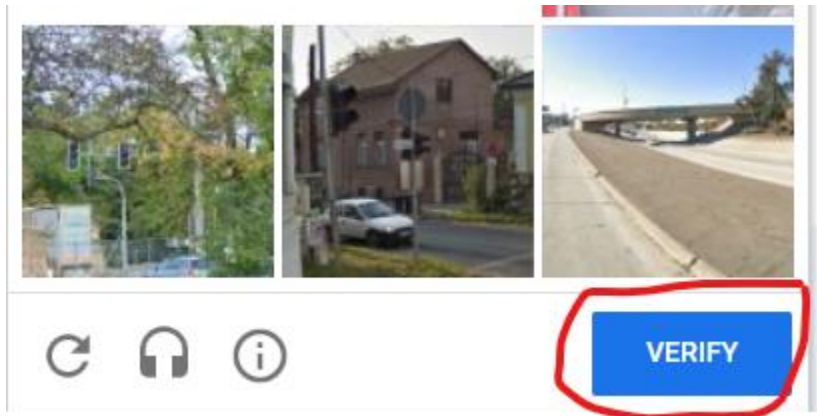
The image shows the Google sign-in page. At the top left is the Google logo. Below it, the text "Sign in" is displayed in a large font, followed by "Use your Google Account" in a smaller font. On the right side, there is a text input field labeled "Email or phone" containing the email address "pythoniscool@gmail.com". Below the input field is a link that says "Forgot email?". Underneath that, there is a line of text: "Not your computer? Use Guest mode to sign in privately. [Learn more about using Guest mode](#)". At the bottom right, there are two buttons: "Create account" and "Next". The "Next" button is circled in red.

(Step 13)

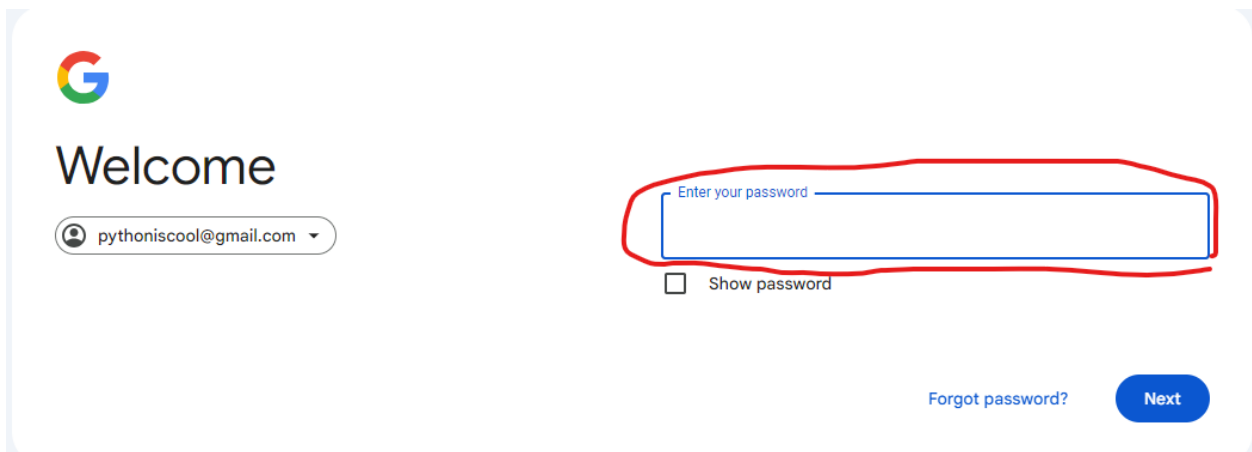


The image shows the Google reCAPTCHA verification page. On the left, there is a "Verify" section with the Google logo and the text "To help keep you really you trying". Below this, there is a user profile icon and the email address "pythoniscool@gmail.com". The main part of the page is a grid of images for selection. The instruction at the top of the grid is "Select all images with cars". The grid contains 12 images. The top-right image shows a car from behind. The middle-right image shows a car in a street scene. The bottom-left image shows a car in a street scene. The bottom-middle image shows a car in a street scene. The bottom-right image shows a car in a street scene. Below the grid, there is a "VERIFY" button. On the right side of the page, there is a "Confirm you're not a robot" section with an "I'm not a robot" checkbox and a reCAPTCHA logo. Below this, there is a "Try another way" link and a "Next" button. At the bottom of the page, there are links for "Help", "Privacy", and "Terms".

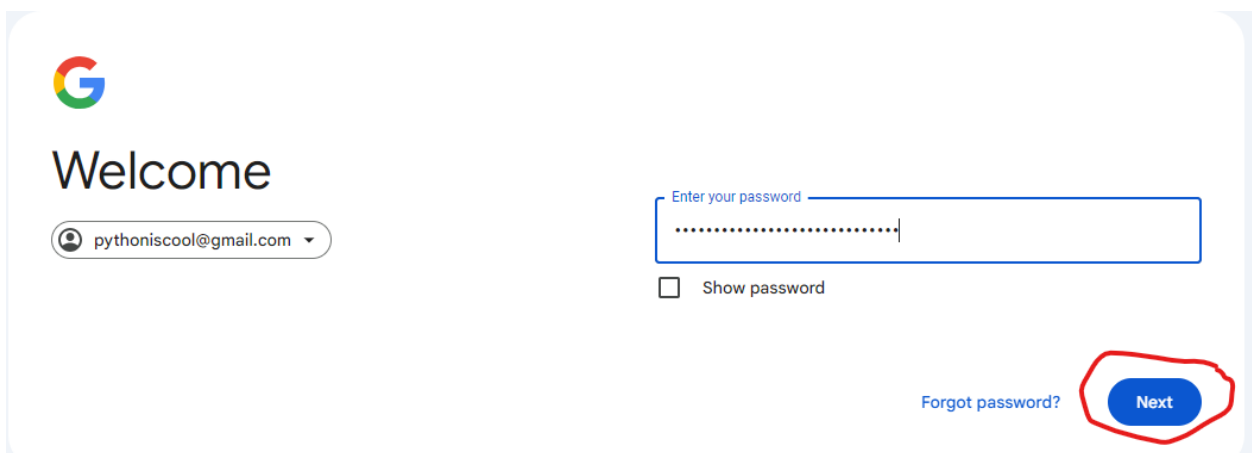
(Step 14)



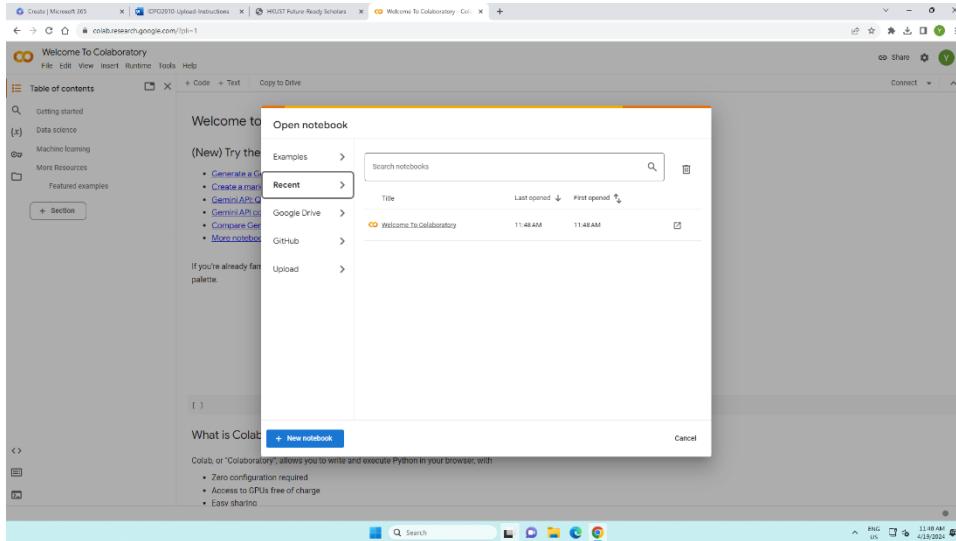
(Step 15)



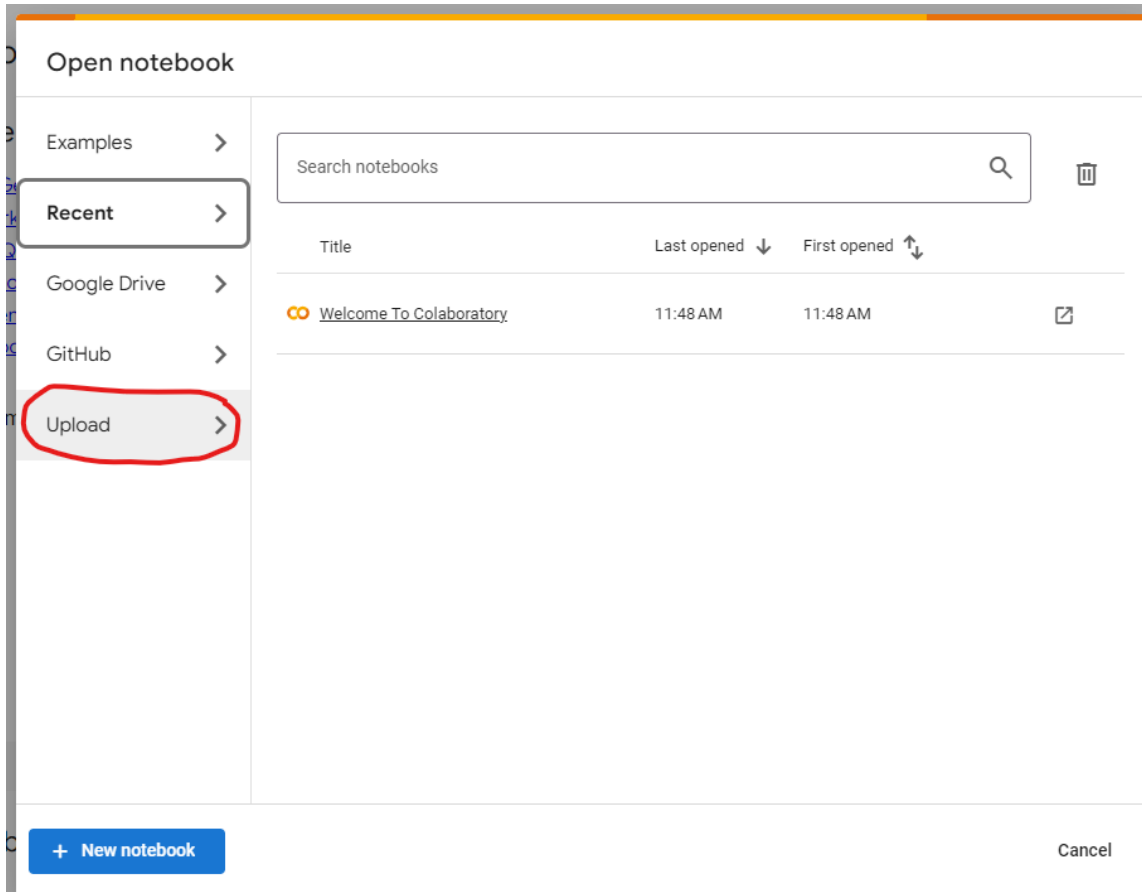
(Step 16)



(Step 17)



(Step 18)

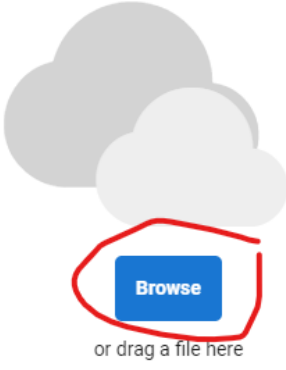




(Step 19)

Open notebook

- Examples >
- Recent >
- Google Drive >
- GitHub >
- Upload >

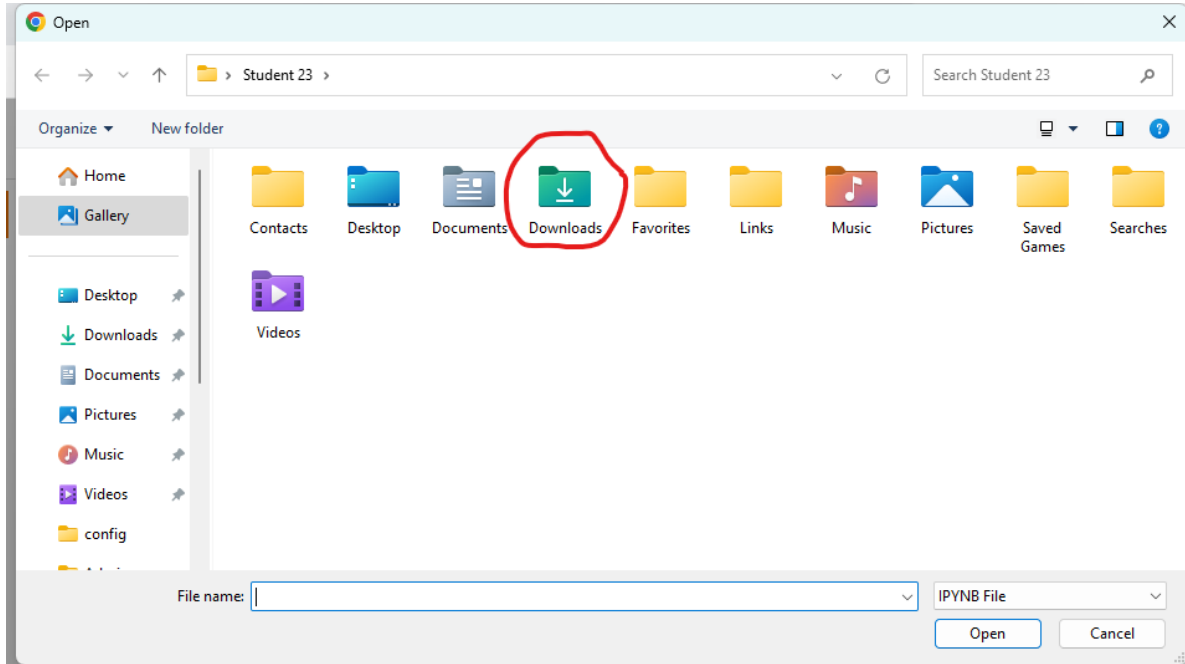


or drag a file here

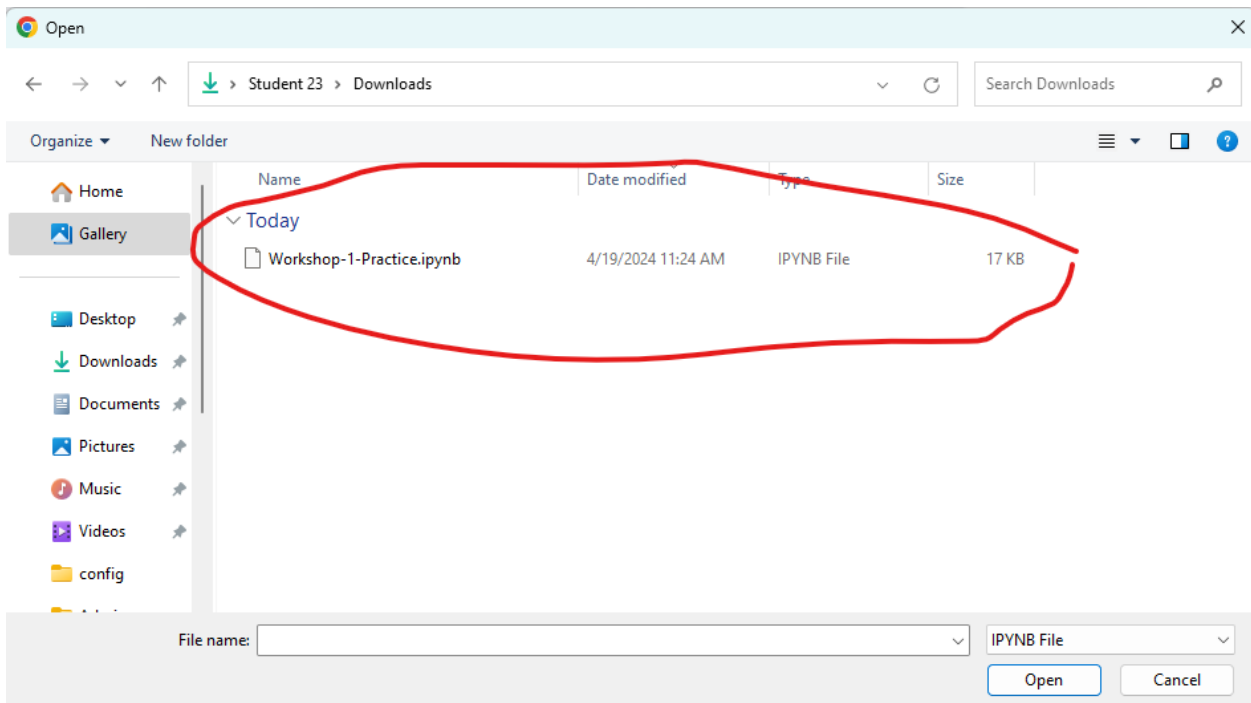
+ New notebook

Cancel

(Step 20)



(Step 21)



# (Step 22)

Workshop-1-Practice.ipynb ☆  
File Edit View Insert Runtime Tools Help Last Saved at 11:51 AM

Comment Share

## Game Programming With Python

### print() ing the Game Title

You usually see the game title, game logo, and the options each time you launch a game. There are several ways to show the game title. Today, we will use the `print()` function in Python to do so. For example, when we open League of Legends:

+ Code + Text

#### Example

```
[ ] print("League of Legends") # Press the little triangle on the left to run the program
```

#### Task 1

Try to type in different game names inside the quotation marks (" "), then run the code to see what happens:

```
[ ] print(" ")
```

#### Variables -- Storing Game Information

After starting the game, you usually have to create your account, character, world, etc. **Variables** can store different pieces of information in a game. Let's see some common character attributes and their data types!

Character Information	Data Type
Character Name	String
Level	Integer
HP	Integer

Waiting for colabresearch.google.com...