

# Week 03

**Mar 19**

*What you are supposed to have done  
or known so far?*

# Review

What you are supposed to have done or known so far?

1

“In our class, we will only learn the **basics** of **Python** coding. We haven’t yet started :-)”

e.g., Coding4ET manual online, (+ ChatGPT)

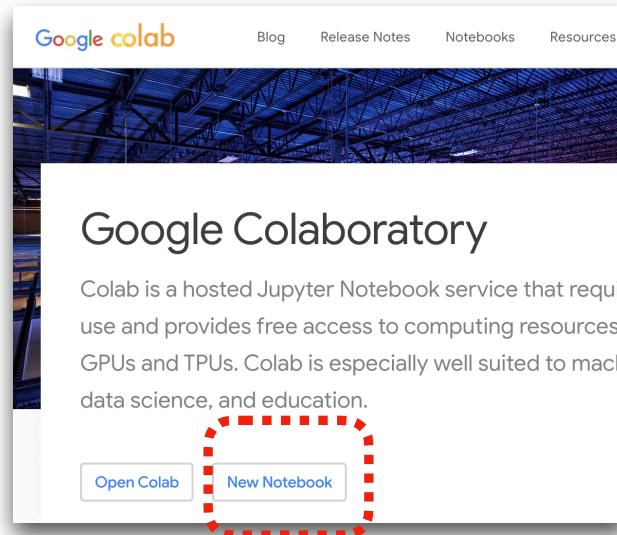
# Review

What you are supposed to have done or known so far?

2

“We will do Python coding on the **online Google Colab** platform: *you are supposed to know how to access to Google colab and how to create a new notebook (ipynb file)*”

e.g., <https://colab.google>

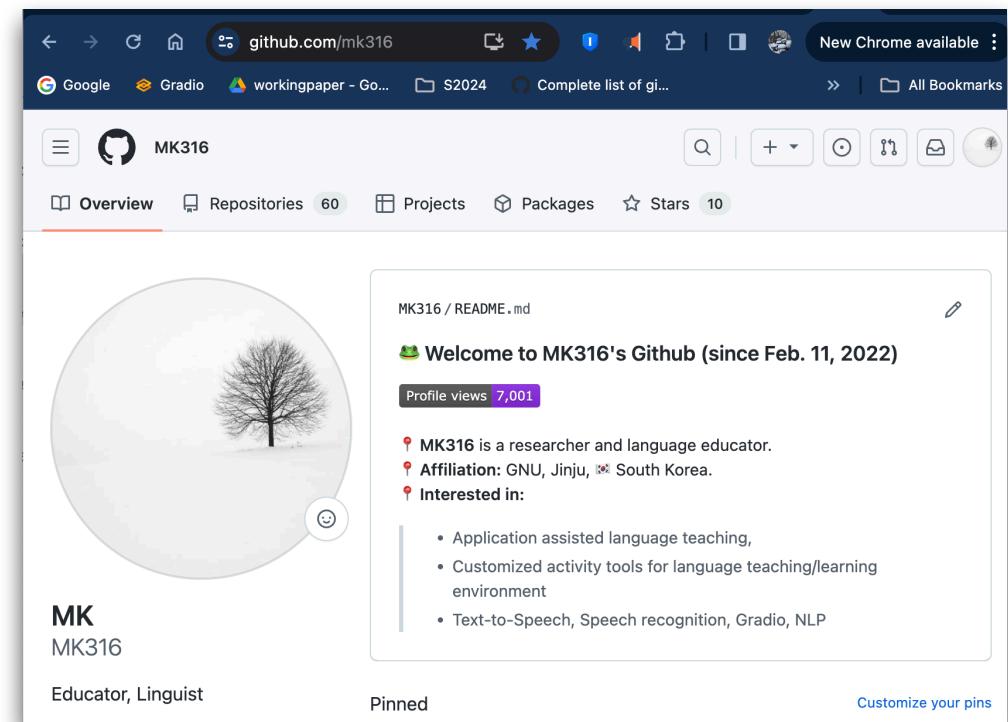


# Review

What you are supposed to have done or known so far?

3

“To save our Python coding work,  
you need to have a **GitHub  
account.**”



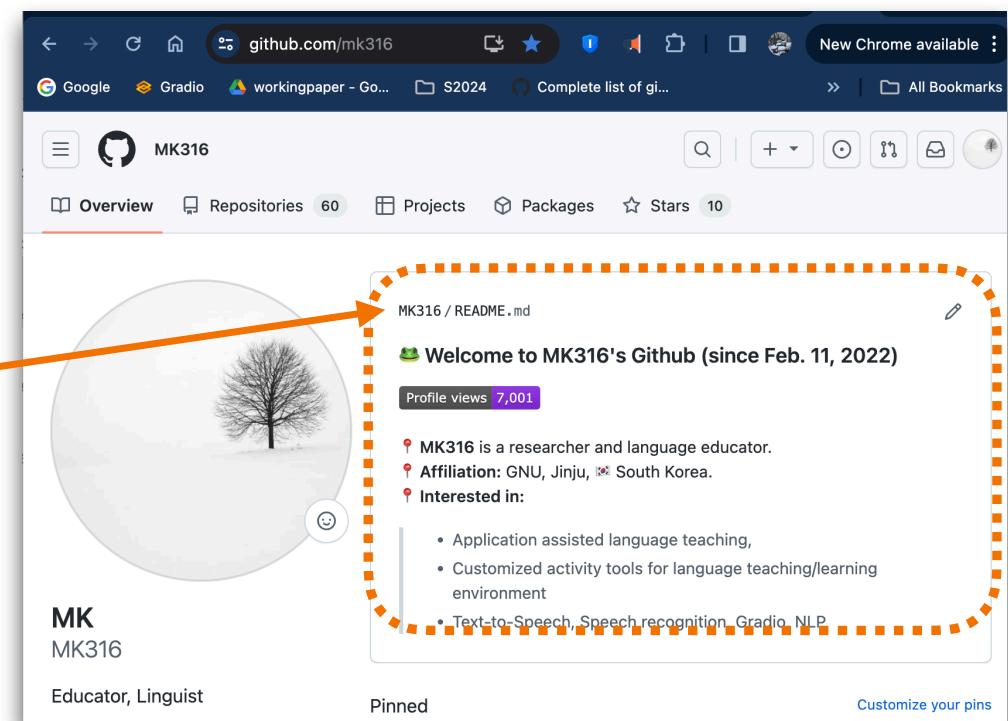
# Review

What you are supposed to have done or known so far?

“To save our Python coding work,  
you need to have a **GitHub  
account.**”

- How to make a front page (**optional**)

If you create a repository with the same name as  
your GitHub account and add a README.md  
file to that repository, the contents of that file  
will automatically become the front page.



# Review

What you are supposed to have done or known so far?

4

“**The course materials** are located in **the instructor's GitHub** account (MK316). You can access, modify, or practice with the files (.ipynb) at any time.

Additionally, you know you can **save the files you've practiced with** on your own GitHub account.”

# Today

## Python basics + Group meeting (10 minutes)

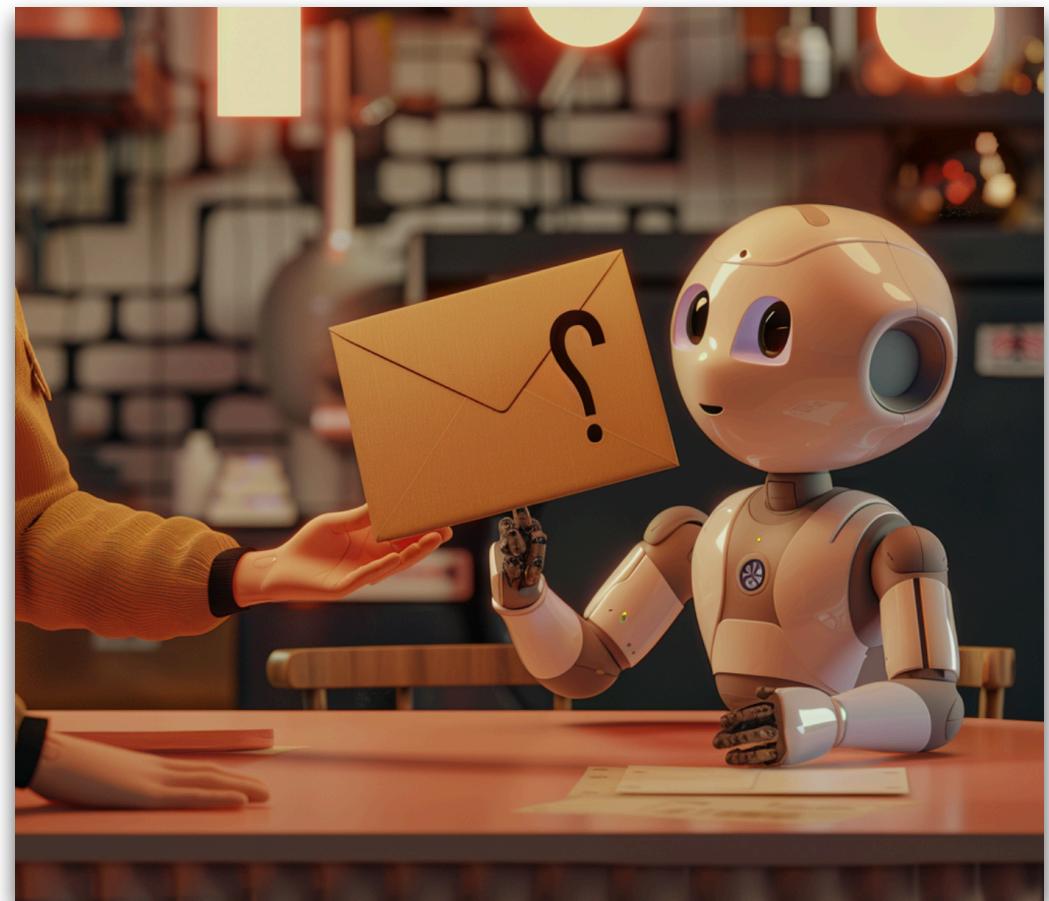
- Coding4ET (Lesson 2, 3 part) manual

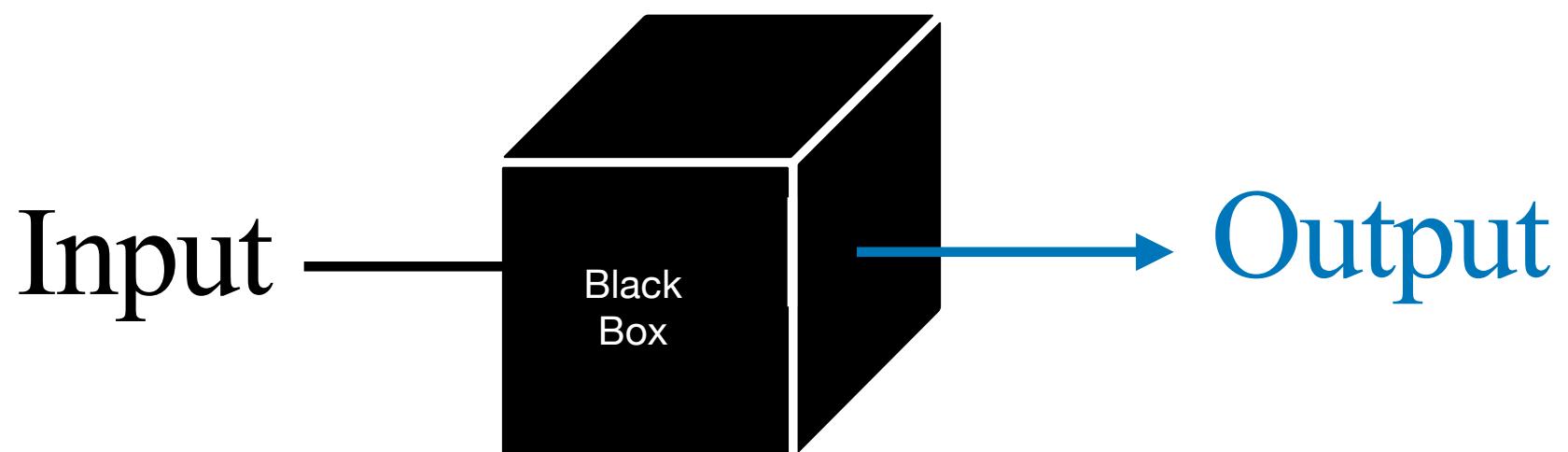
<Group meeting>

- Select a project manager (PM) within your group and let me know.
- The PM creates a repository for your group activity (collaboration) and add collaborators (your members) to the repository including me (**MK316**): e.g., ‘G1’, ‘G2’, ‘G3’, ‘G4’
- Share the mini-project idea.

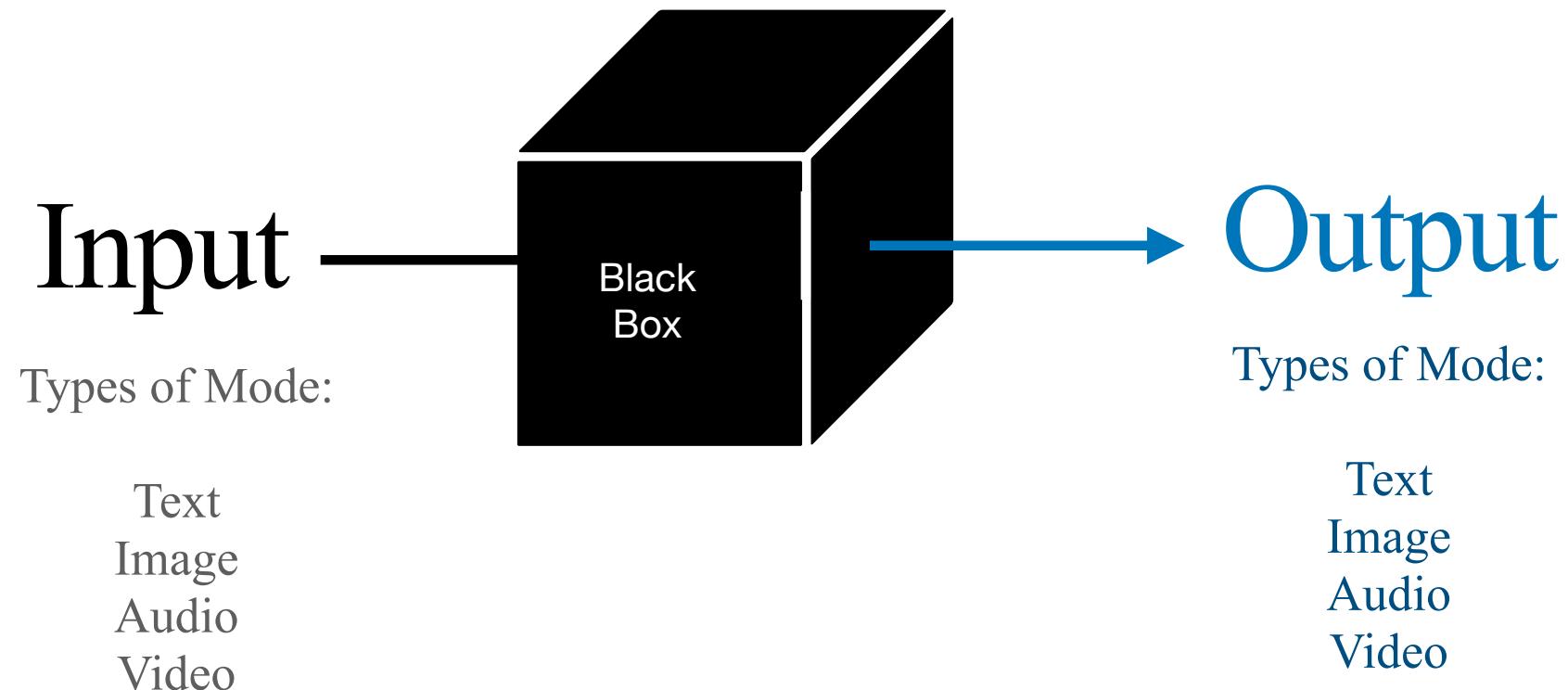
# Input - Output

If I give you this,  
what will I get in return?





# Multimodality

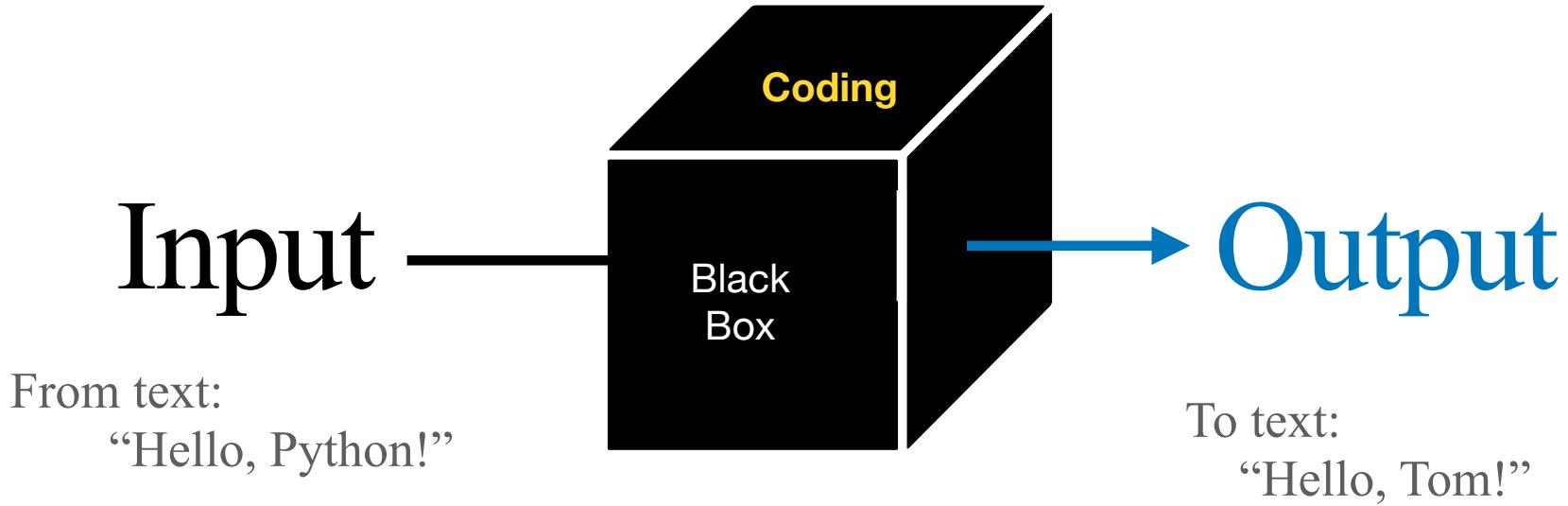


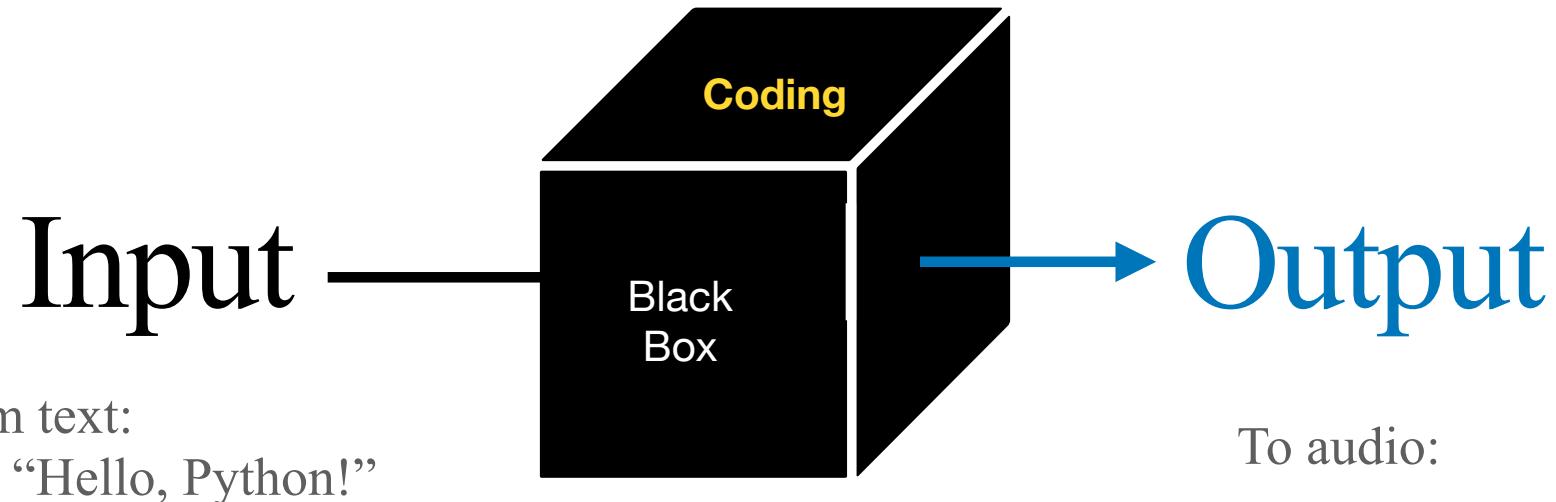
# Input - Output

If I give you this, what will I get in return?

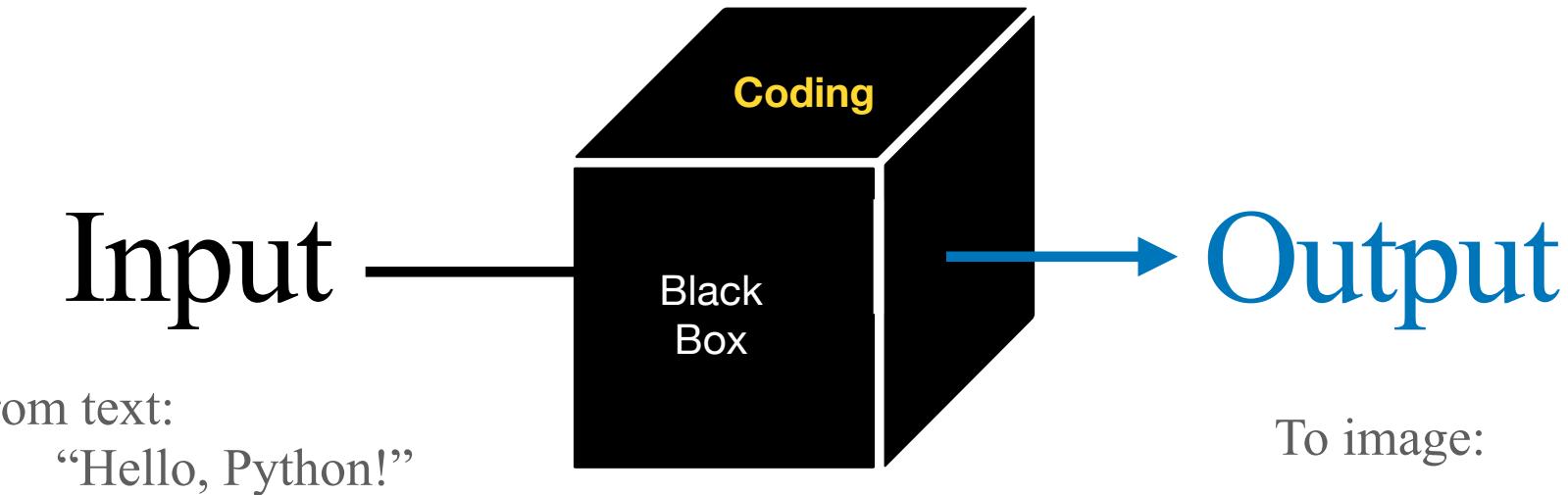
What will be the output if I provide this as the input?

→ **What kind of input** do I need to provide to get **this kind of output**?

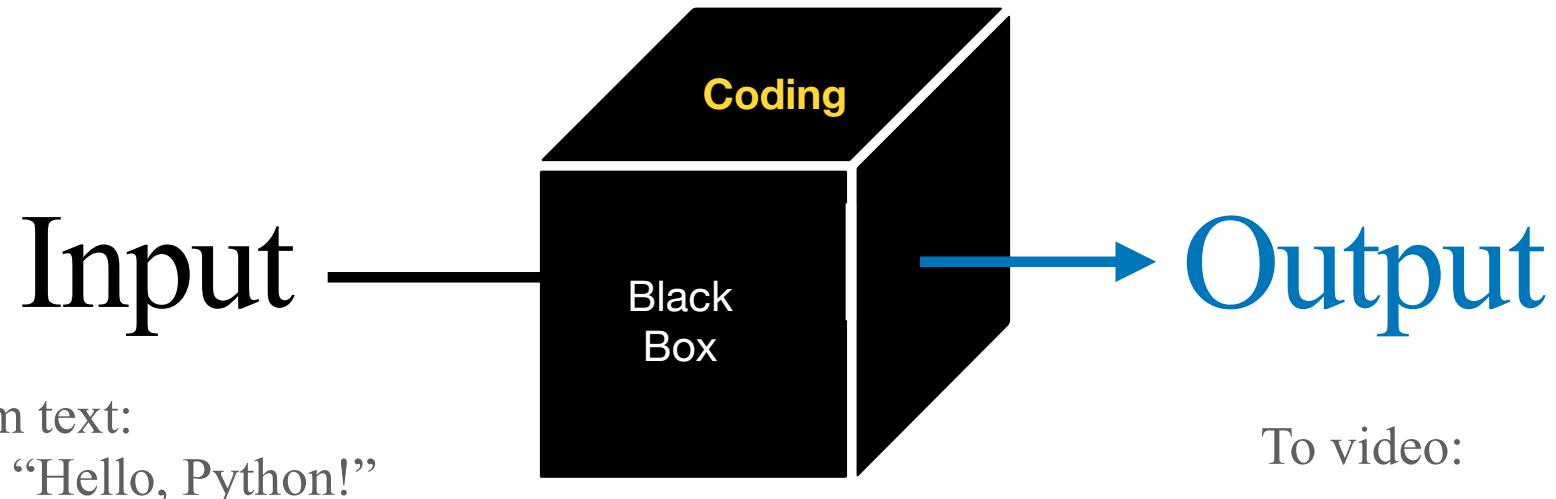




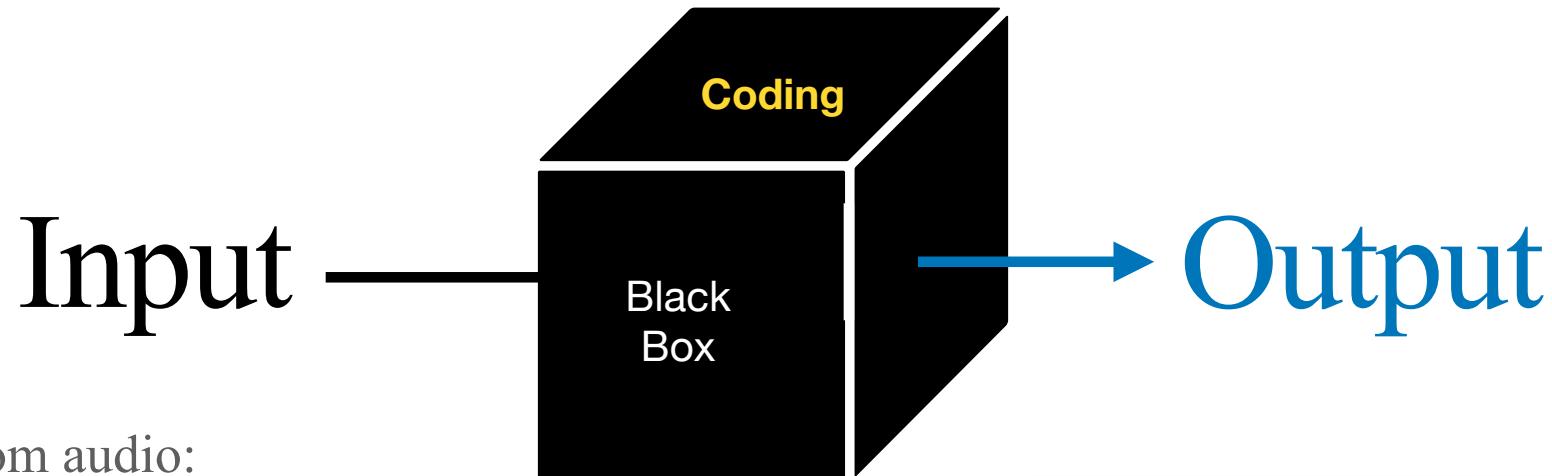
e.g., [elevenlabs.io](#)



e.g., Midjourney



e.g., Sora



From audio:



From image:

To text:

Give a description of the image briefly

 **ChatGPT**  
The image shows a cheerful animated child with a wide, friendly smile. The child is raising their arms in an open, welcoming gesture. They have dark hair, and they're dressed in a casual, colorful outfit that includes a red-orange jacket, a yellow-striped shirt, and teal pants. Their shoes are gray with white soles, and they appear to be standing against a warm orange background.

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