

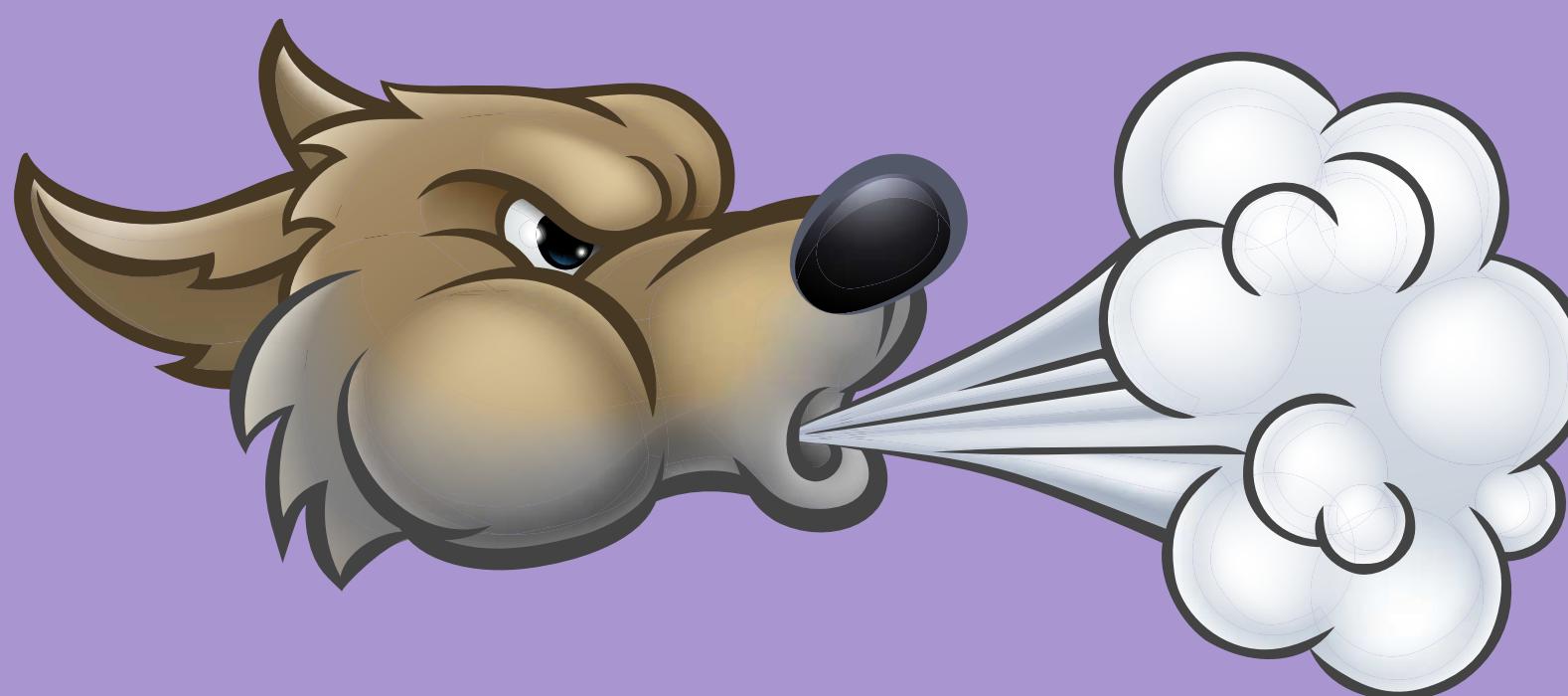


WELCOME TO PYTHON CLASS DAY2

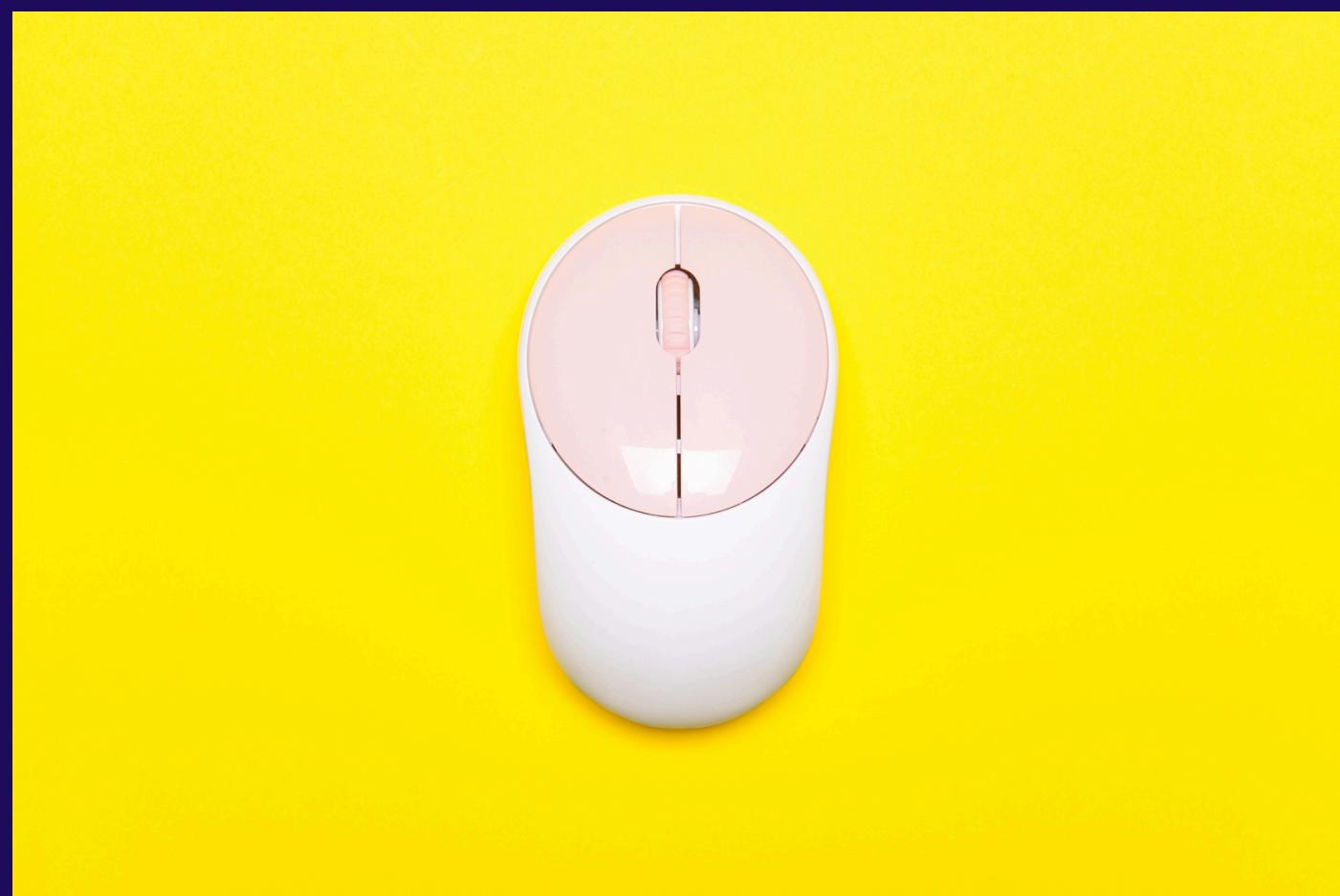
**INPUT
OUTPUT**



WHAT ARE INPUT AND OUTPUT DEVICES



Input devices (like keyboards, mice, and camera) help us tell the computer what to do, by sending information into the computer.



Output devices (like monitors, speakers, and printers) help us see, hear, or touch the results of what the computer has done, by sending information out of the computer.





I'M RIYA – ADVENTURE GIRL

It's Story Time

The computer asks Riya: "What's your name?" **(This is the input() function!)**

Maya types her name, and the computer remembers it.

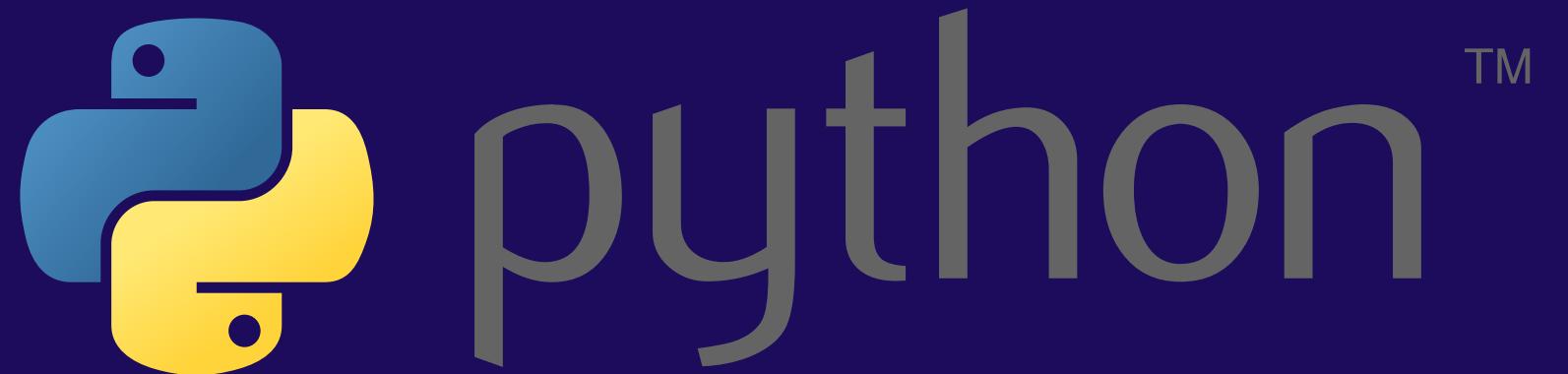
Then, the computer says: "Hello, Riya! Welcome to the cave of wonders!"
(This is the print() function!)

Riya is amazed and says: "Wow, you know my name!"

The computer replies: "Yes, I do!"

This story illustrates how `input()` and `print()` functions work together to create a conversation between the user (Maya) and the computer.

FUNCTION()



recipe



Imagine you want to make a yummy sandwich. You need to follow some steps:

1. Get bread
2. Add cheese
3. Add ham
4. Put it together

A function is like a special name for these steps.

Instead of saying "get bread, add cheese, add ham, put it together" every time, you can just say
"make sandwich"!

In Python, a function is a **block of code** that can be called to perform a specific task. It's like a reusable recipe that can be used multiple times with different ingredients.

In Python, we write functions like this:

```
def make_sandwich():
    get_bread()
    add_cheese()
    add_ham()
    put_together()
```

Then, we can use the function like this:

```
make_sandwich()
```

output function

`print()`

Output Function: `print()`

- Takes the answer from the computer program
 - Shows it to the user (you!)
 - Displays the result on the screen

```
print("Riya")
```

input function

input()

Input Function: `input()`

- Asks the user (you!) for information
 - Listens to your answer
- Brings your answer into the computer program

```
input("What's your name? ")
```

- **input()** asks you a question and listens to your response
- **print()** shares the computer's response with you!

```
print("Zoya")
input ("What is your name?")
print(input("What is your name?"))
```

Zoya

What is your name? Riya

Riya