



## MEET YOUR COZMO!



### 1. Let's give it a few properties

Name: \_\_\_\_\_

var: \_\_\_\_\_

Age: \_\_\_\_\_

var: \_\_\_\_\_

Birthday: \_\_\_\_\_

var: \_\_\_\_\_

Is your Cozmo's eyes blue?

True False

Does your Cozmo have arms and legs?

True False

Can Cozmo learn?

True False

### 2. Make a new Python file called `01_my_cozmo.py`. Following your own Cozmo:

- Print out its name, age, and birthday on your Python file.
- When you're done, click Run > Run. What do you notice about the output?

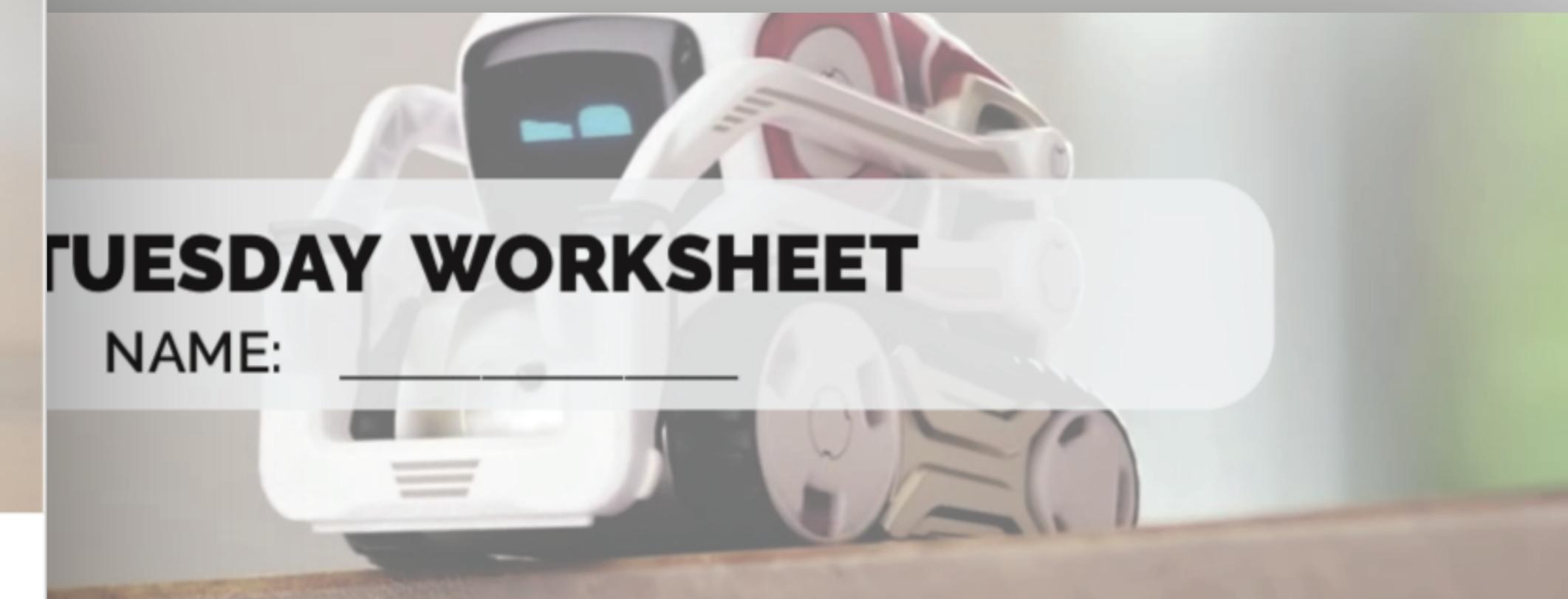
### 3. Make a new Python file called `oo_python_practice.py`. On this new file:

- Cozmo can be a great calculator too. Play around with `+`, `-`, `*`, `/`, `%` on Integers and Floats.
- What's different between Integer `*` Integer vs. Integer `*` Float? Try with `/` and `%`.

### 4. Let's practice Escape Characters on the same Python file.

- Create a String, with a `\n` at the end. On the next line, create a second String starting with `\t`.
- Print out both Strings, and run your program. What is the difference between the two outputs?

**CHALLENGE:** Whitespace is the spaces in your code, including Tab and Space. Whitespace matters in Python, which sets this language apart from other languages. Having the wrong whitespace will crash your program! Try this: `print("Hello World!")`



## TUESDAY WORKSHEET

NAME: \_\_\_\_\_

IS ...

on about your Cozmo using your newly initialized variables! Be  
scape characters to format it.

, let's start using the Cozmo SDK (Software Development Kit) and  
to everyone! To get started, type out the code block below to your  
`import cozmo` is the first line of code!

```
from cozmo import CozmoProgram
from cozmo import Robot
from cozmo.util import degrees, distance_mm, speed_mmps

def main(robot: cozmo.robot.Robot):
    text("<my_intro>").wait_for_completed()

    # Your code here!
```

es!

file, let's discover the powers of `input()`. On a new line, write  
`here: " )`. In the console, type in whatever you want after  
press Enter. What just happened?

You just typed using a variable?

make Cozmo say out loud your input? Make sure to copy over any