

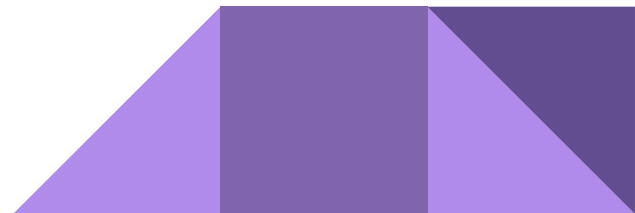


Hello, world!

# Breakout Room Time!

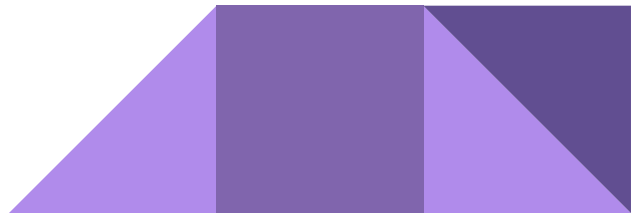
Come up with your own definition for the word **interactive**.

We're gonna do the whole breakout room thing!



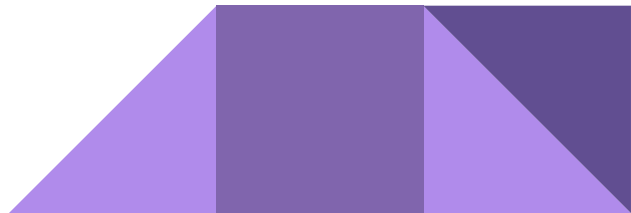
# What kinds of programs are interactive?

Shout out some answers!



# What kinds of programs display messages?

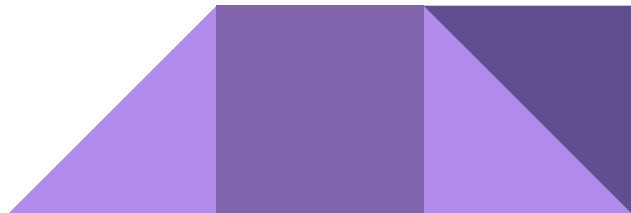
Once again, feel free to shout out some answers to this one!



# Why is it important?

Why do we need computer programs that display information to users?

Answer away!



# CodeHS Programming Interface

The screenshot displays the CodeHS programming environment. At the top, a navigation bar includes links for 'Sandbox', 'My Courses', 'My Sections', 'Toolbox', and 'Practice'. A user profile for 'MR. MACMILLAN' is visible on the right. The main workspace is divided into three panels:

- Left Panel:** Contains a 'Status: Not Submitted' indicator, a 'Show Exercise' button, and a 'QUICK DOCS' section with a 'Using print' button and a code snippet: 

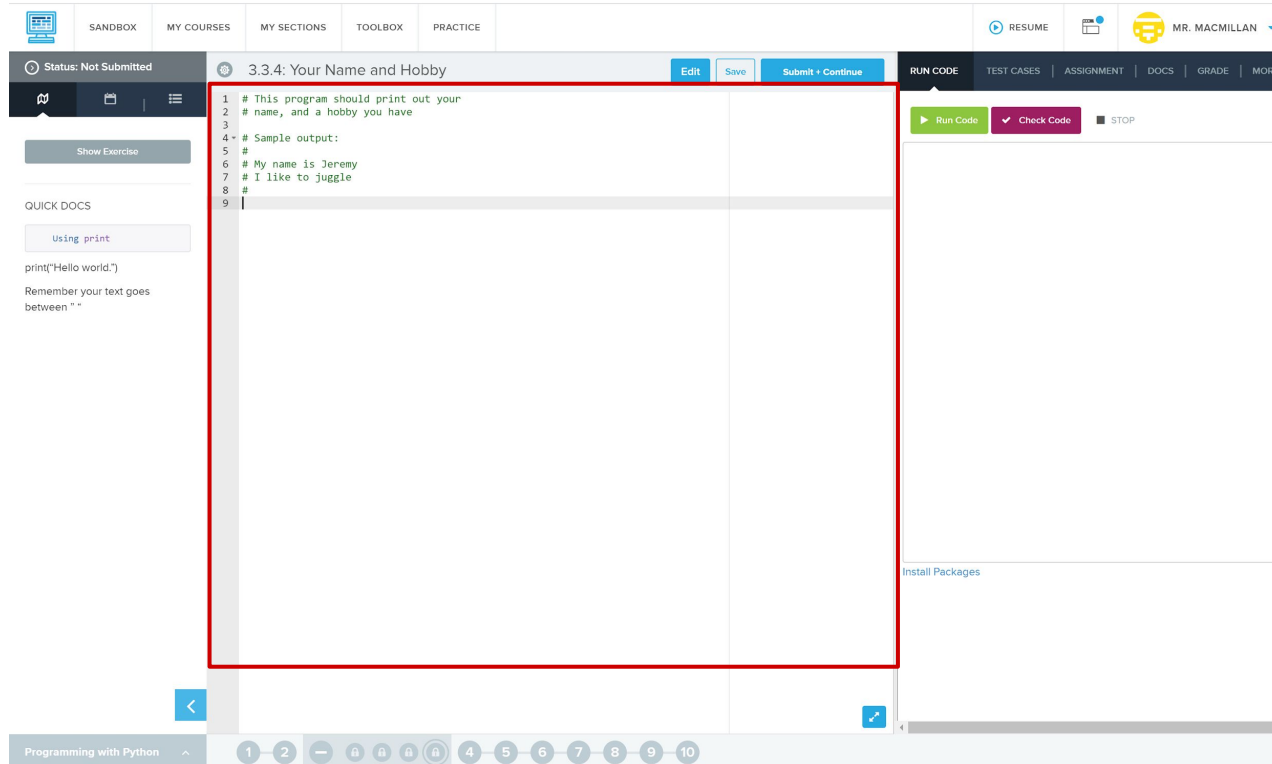
```
print("Hello world.")
```

 with the instruction 'Remember your text goes between ""'.
- Center Panel:** Displays the exercise title '3.3.4: Your Name and Hobby' and a code editor with the following Python code:

```
1 # This program should print out your  
2 # name, and a hobby you have  
3  
4 # Sample output:  
5 #  
6 # My name is Jeremy  
7 # I like to juggle  
8 #  
9
```
- Right Panel:** Features a 'RUN CODE' tab with buttons for 'Run Code', 'Check Code', and 'STOP'. Below these is a large empty box for output, and at the bottom, a section for 'Install Packages'.

The bottom of the interface shows a footer with 'Programming with Python' and a series of numbered tabs from 1 to 10, with tab 4 currently selected.

# CodeHS Programming Interface



## Text Editor

Where you type in the code  
to create your program

Sometimes already contains  
code to be built off of

# CodeHS Programming Interface

The screenshot displays the CodeHS programming environment. At the top, a navigation bar includes 'Sandbox', 'My Courses', 'My Sections', 'Toolbox', and 'Practice'. Below this, a header shows 'Status: Not Submitted' and the exercise title '3.3.4: Your Name and Hobby'. The main area is split into a code editor on the left and an output console on the right. The code editor contains a Python script with comments and sample output. The output console, highlighted with a red border, is currently empty. A sidebar on the left provides 'Quick Docs' and a 'Show Exercise' button. The bottom of the interface features a footer with 'Programming with Python' and a series of numbered tabs from 1 to 10.

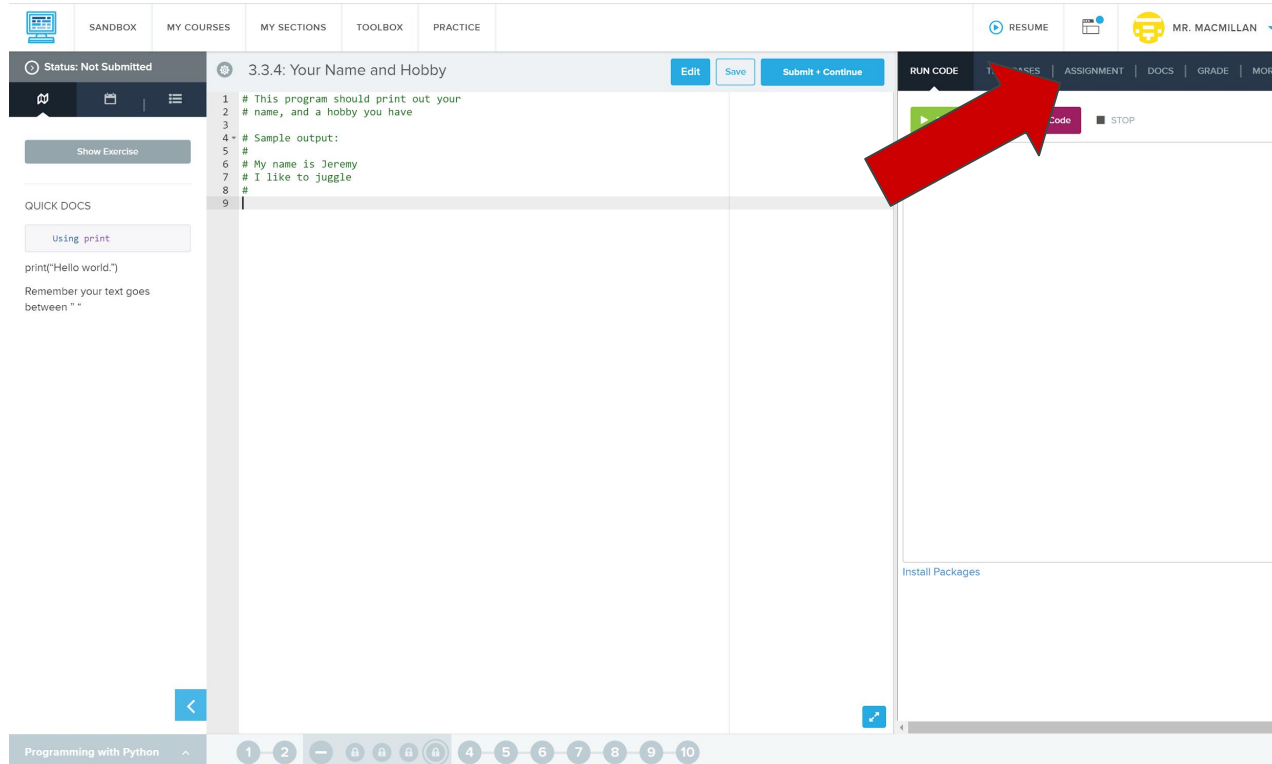
```
1 # This program should print out your
2 # name, and a hobby you have
3
4 # Sample output:
5 #
6 # My name is Jeremy
7 # I like to juggle
8 #
9
```

## Output Console

This is where the output from your program will be placed when it's run



# CodeHS Programming Interface

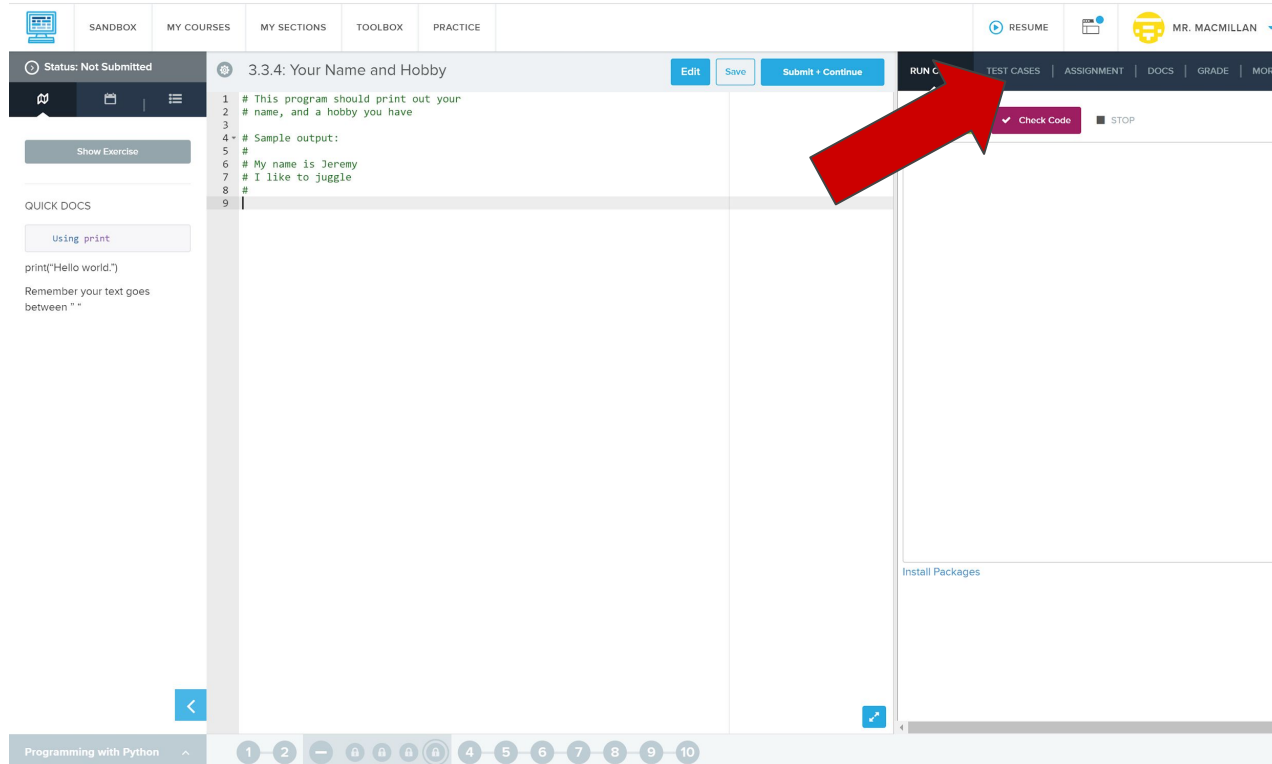


## Assignment Tab

Contains the same information as the popup when you open the assignment

Tells you what you're supposed to do

# CodeHS Programming Interface

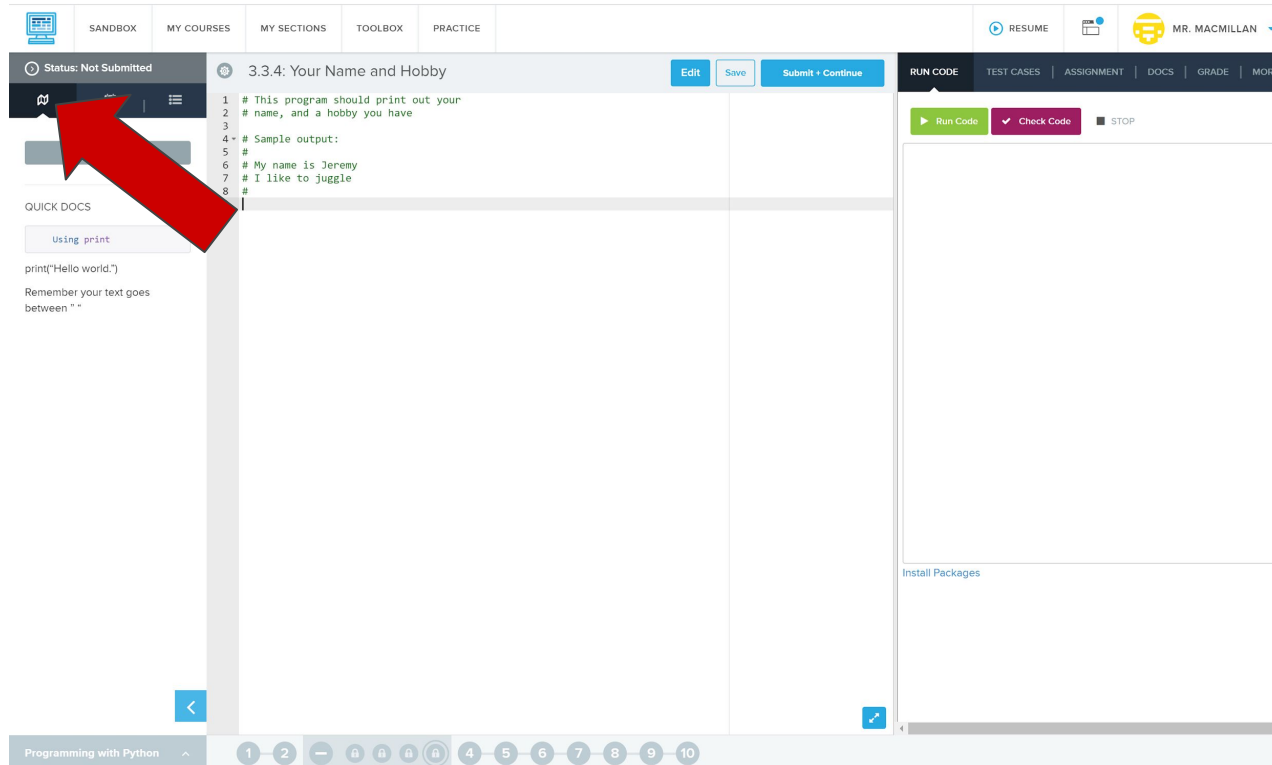


## Test Cases

Shows you the criteria the autograder is looking for

Can be helpful in figuring out what changes to make in your program to allow it to be submitted

# CodeHS Programming Interface

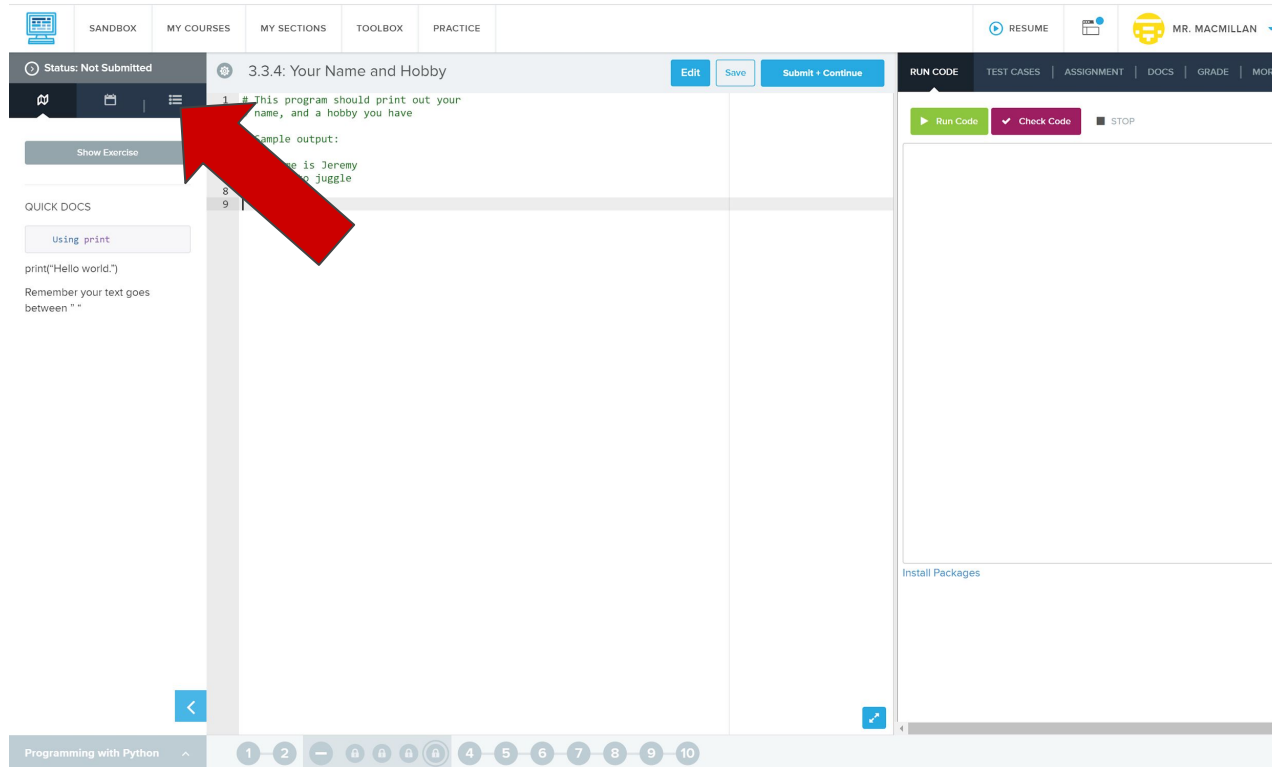


## Quick Reference

Lets you re-open the assignment overlay

Has quick pointers on tasks for the assignment

# CodeHS Programming Interface



## File Browser

Allows you to navigate the files being accessed in the Text Editor

# Actual Programming!

We can make our programs put text in the **Output Console** by using the `print()` function!

If we want to print out specific text, you need to have quotation marks around it. Either single quotes (aka apostrophes) or double quotes will work!

Example!

```
print("Hello World!")
```



# Printing New Lines

Each call of the `print()` function will have a new line at the end, so if you have multiple `print()` calls in a row, each thing will be printed on its own line.

Example:

```
print("Hello World!")  
print("How it do?")
```

will output

```
Hello World!  
How it do?
```

