

# Honors Class05 Activity: Practice Quiz Questions

Team Members: \_\_\_\_\_

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## Learning Objectives

- Test your understanding
- Prepare for Quiz 1

This activity is practice for the first quiz. Do not use a Jupyter notebook. Answer the questions based on your programming experience. These are the types of questions that will be on the first Quiz. If you are stuck, talk with a team member. If you are *really* stuck, then try the code in a Jupyter notebook.

### Problem 1: What is the output?

```
a = "I'm not arguing."  
b = "I'm just explaining why I'm right."  
print(a + b)
```

### Problem 2: What is the output?

```
winter_months = ["December", "January", "February", "March"]  
print(winter_months[3])
```

### Problem 3: What is the output?

```
x = 2**3 / 8 + 3  
print(x)
```

### Problem 4: What is the output?

```
# What do you call a fish with no eyes?  
answer = "fish".replace("i","")  
answer
```

**Problem 5: Explain the error.**

```
my_tuple = ("Dr. Nyquist", "Geophysicist", "CST")
my_tuple[2] = "Earth & Environmental Science"
```

TypeError: 'tuple' object does not support item assignment

**Problem 6: What is the output?**

```
import numpy as np
a = 3
b = 4
c = np.sqrt(a**2 + b**2)
```