Please turn in answers to the following questions on Monday, in class.

1. What are the advantages of using Python *interactively*? What are the advantages of using Python to *execute scripts*?

2. Comment statements cannot be understood by Python. Why, then, is it useful to write comments?

3. Suppose you were *reading* a program. Would it be *clearer* to use a single variable for multiple purposes or to have several variables each with a dedicated purpose? Explain.

4. Given a choice, would it be *clearer* to have variable names be short and easy to type, or longer and more descriptive? Explain.

5. What commands are necessary to incorporate a new file, `new.py`, in the current git project on the server?
6. Write expressions that:

   (a) Compute the integer part of the quotient of integers \( a \) and \( b \)? (e.g. \( a=5, b=3 \), results in 1)

   (b) How about the fractional part of the quotient? (e.g. \( a=5, b=3 \), generates 0.666666)

   (c) Exchange the values of \( i \) and \( j \).

7. There are two boolean values, True and False. You can convert any type of value to a boolean with the bool initializer. For example:

   ```python
   >>> bool(3)
   True
   >>> bool("Hello, world.")
   True
   ```

   Find some examples of values that convert to False. How are all these values similar?

8. You have twelve TAs in this course: Abby, Alex_1, Alex_2, Ariel, Betsy, David, Dzung, Grace, Javier, Maria, Peter, and Will. Get four of them to sign this space (slight extra credit if six or more sign):