Week 2 - Paper Practice - Strings and Numbers

For each of the following snippets of code, execute it by hand and write down what you think Python would compute as the answer. Then type it into the Python interpreter and see what answer it gives you.

1. `type('abc')` 
   Your Guess: ________ Actual: ________

2. `type("abc")` 
   Your Guess: ________ Actual: ________

3. `'abc' + 'def'` 
   Your Guess: ________ Actual: ________

4. `'abc' + 4` 
   Your Guess: ________ Actual: ________

5. `'abc' + '4'` 
   Your Guess: ________ Actual: ________

6. `'abc' * 4` 
   Your Guess: ________ Actual: ________

7. `'abc'/4` 
   Your Guess: ________ Actual: ________

8. `x = 5` 
   `x`  
   `type(x)`
   Your Guess: ________ Actual: ________

9. `x = 5` 
   `y = "Hi"` 
   `y` 
   `type(y)`
   `x = y` 
   `type(x)`
   Your Guess: ________ Actual: ________

10. `int('5')`  
    Your Guess: ________ Actual: ________

11. `float('5.0')`  
    Your Guess: ________ Actual: ________

12. `bool('True')`  
    Your Guess: ________ Actual: ________

13. `str('5')`  
    Your Guess: ________ Actual: ________

14. `str(5)`  
    Your Guess: ________ Actual: ________

15. `w2 = input()` 
    Enter this value: 5  
    `type(w2)`
    `w2`
    Your Guess: ________ Actual: ________

16. `w2 = input()` 
    Enter this value: Bag  
    `type(w2)`
    `w2`
    Your Guess: ________ Actual: ________