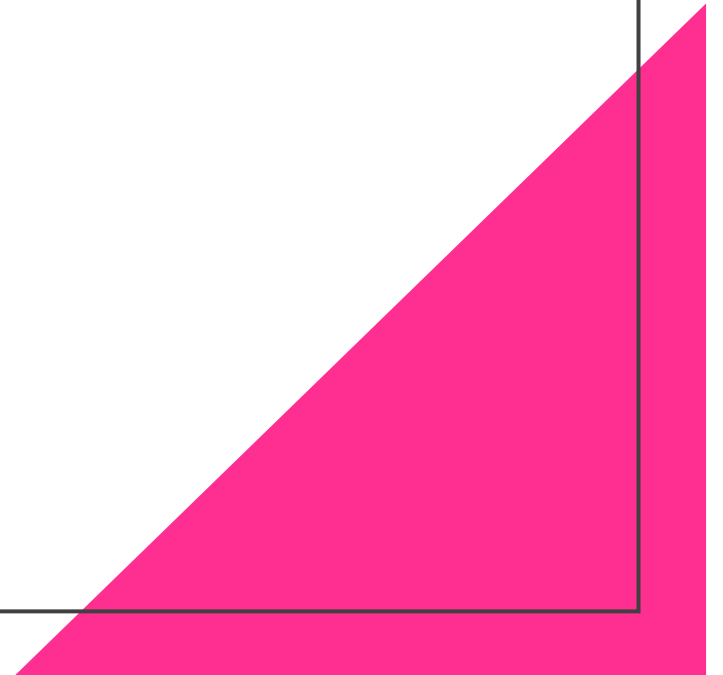


# CptS 111

February 22, 2023



# Announcements

- Exam #1: Added 8 points, avg=76.13, std\_dev=14.79, hi=99
- PA 4 available in Canvas and on class website later today; due Friday, 3.10.23, by 11:59 pm; intimidating at first glance, but really an exercise in reading carefully and following directions! Don't wait to start PA 4 or you'll be frustrated. *There's a reason you've been given more time to do this PA!* Note that this is a TA-graded PA, so the latest it can be submitted is Monday, 3.13.23.
- If you have questions about the exam grading, please see me asapn (OH right after class one floor below in Spark 218).
- If your score is 50 or less, please see me during office hours.
- Questions?

Non-void functions return a value or values to the calling program or function, non-void functions may require the use of an lvalue, and void functions never require the use of an lvalue.

A. True

B. False

```
def calc_quad(x):  
    return x ** 4
```

```
y = calc_quad(5) + calc_quad(19)
```

For the code above, which of the following is *false*?

- A. The function `calc_quad()` is called twice.
- B. `calc_quad()` is a void function.
- C. `y` is the only lvalue in this code.
- D. None of the above

Functions are useful because they allow modular development of code, they reduce redundant code, they improve program readability, and they make code run faster.

A. True

B. False