

## Homework 0

Read and answer the questions bellow. I have answered them for myself, you need to do the same but for yourself. Be as descriptive as you like but don't write me a book.

**Question 1.** Tell us a little bit about yourself. What is your name, hobbies, favourite food, natural languages you speak (wish you spoke), add a picture if you like. This is information I can use to remember you.

I'm Tyler, I run, work out, and play piano in my free time. My favorite food is probably these little Japanese rice cracker snacks. I speak English, studied Japanese for 5-6 months intensely before giving up(it's quite hard), and am going to be studying French this year.



FIGURE 1. Tyler and his cat Leo.

**Question 2.** What is your major? Why did you pick this major? If it is computer science, what does computer science mean to you?

I'm a computer science major. I picked computer science at first because I'm good with computers, but over the years I've come to just enjoy coding. Computer science I think is just learning how to solve problems, and I love solving problems, so I love computer science.

**Question 3.** How would you categorise yourself in college, e. g., freshman, sophomore etc.

I'm a sophomore

**Question 4.** What are your career goals and why are you in school?

I'm not sure what my career goals are. I hate the thought of working 9-5 at an office, so I feel like I'll need to take an unconventional path with CS. Maybe I will tutor, teach, or something of the sorts. I'll figure it out!

**Question 5.** Have you ever had me in some other course? If yes, which one?

I've never had you, but I've heard people talk about this class being hard!

**Question 6.** Do you have any programming experience? Which languages?

I've spent years working in primarily Java(unfortunately), but I've also worked in Python, C, and a little little bit of JavaScript.

**Question 7.** How good/bad are you with computing-technology?

I think I'm pretty good, but that's only relative to an average person. I've still got a lot to learn.

**Question 8.** Why are you in this course?

Mostly because I have to be, but I think I would take it even if it wasn't required because data structures are so crucial in computing.

**Question 9.** What is the best way you learn?

Consistency. I've found that when you do something daily, for months and months, it doesn't really matter how you go about it, you will get better. Even if you approach learning a topic wrong you eventually figure it out.

**Question 10.** Is there anything I should know about you *as your professor*?

I like playing piano a lot. So much that I'm considering a double major. That's just a fun fact not really important.

**Question 11.** Solve the following two (not a system of) equations for the value of  $x$ ,

$$(x - 47)^2 = 0$$

and,

$$x^2 - 46 = 3$$

Answer 1:

$(x - 47)^2 = 0$	Original equation
$\sqrt{(x - 47)^2} = \sqrt{0}$	Take the square root of both sides
$x - 47 + 47 = 0 + 47$	Add 47 to both sides
$x = 47$	Solved

Answer 2:

$x^2 - 46 = 3$	Original equation
$x^2 - 46 + 46 = 3 + 46$	Add 46 to both sides
$\sqrt{x^2} = \sqrt{49}$	Take the square root of both sides
$x = 7$	Solved

**Question 12.** Have you read the syllabus (at online classroom) and and plan to abide by it?

Yes.

OKLAHOMA CITY UNIVERSITY