1. What is the difference between an adaptive website and a fully responsive website?

Adaptive websites do not contain features that fluid websites do, whereas fully responsive websites use features of both fixed and fluid layouts. Although both styles have media queries implemented, adaptive layouts have hard coded widths at each media query whereas responsive websites use responsive units like percentages that will allow the viewport to be dynamic

1. Describe what it means to be mobile first vs desktop first.

Mobile first and desktop first are just what they sound like. Mobile first takes the approach to design a website primary for mobile devices, whereas desktop first takes the approach to design a website primary for desktop devices

1. What does font-size: 62.5% in the html tag do for us when using rem units?

It makes 1rem unit = 10px

1. How would you describe preprocessing to someone new to CSS?

It makes CSS easier to use and allows you to use fewer lines of code to complete the same task. Also, some of the syntax looks similar to vanilla Javascript

1. What is your favorite concept in preprocessing? What is the concept that gives you the most trouble?

Favorite concept would be attributing variables with custom names. Some of the advanced preprocessor concepts can throw you off, but when working alone, working with a team, or if you’re exploring old code that you don’t remember, giving a variable name to something crucial on the website like a main color really makes sections easier to identify, especially when you’re using hexadecimal colors and don’t know what each hexadecimal value would give you. The concept that gives me the most trouble so far is the escape variable. It’s not so much that it’s difficult. I haven’t been using preprocessors for that long and the first time I tried implementing an escape variable, I had a spelling error that I didn’t identify and caused me to waste some time.