**Md Kawsar Hussen**

**Self-Study Questions**

Demonstrate your understanding of this week's concepts by answering the following free-form questions.

Edit this document to include your answers after each question. Make sure to leave a blank line above and below your answer so it is clear and easy to read by your project manager

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

Ans: The responsive design is somewhat like the liquid and will automatically adapt to the user's device regardless of the screen size. With the adoption of CSS media queries, this kind of design method can auto-change the display style on the basis of target device.

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

Ans: Mobile first leads to going down for bigger resolution, but desktop first means to going down to smaller resolutions.

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

Ans: The rem unit is relative to the root—or the html—element. That means that we can define a single font size on the html element and define all rem units to be a percentage of that.

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

Ans: A CSS preprocessor is a program that lets you generate CSS from the preprocessor's own unique syntax. There are many CSS preprocessors to choose from, however most CSS preprocessors will add some features that don't exist in pure CSS, such as mixin, nesting selector, inheritance selector, and so on. These features make the CSS structure more readable and easier to maintain.

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

Ans : I like mixin concepts that works like a methods. I can use same mixin again and again. Nesting gives me little trouble because I lose my navigation sometimes.

You are expected to be able to answer all these questions. Your responses contribute to your Sprint Challenge grade. Skipping this section *will* prevent you from passing this challenge.