Q: What are all ways to write a CSS?
A:
1. **Inline CSS:** Adding CSS to HTML elements using style attribute.
2. **External CSS:** A seperate style file which seperates CSS from HTML and JS.
3. **Component Libraries:** Libraries that provide pre-build components with styling also.
4. **Styled Components:** CSS written inside JSX.
5. **Frameworks:** Collection of style sheets provided for faster styling process.

Q: How to configure Tailwind CSS?
A:
1. npm i -D tailwindcss postcss
2. npx tailwind init. This creases tailwind config file.
3. In tailwind.config.js file, write file extensions which tailwind will scan for CSS: content:["./src/{.html,.js}"]
4. Create .postrccss.json if not automatically created.
5. In .postrccss,
   ```
   {
   "plugins":{
   "tailwindcss":{}
   }
   }
   ```
   This tells postcss to transpile tailwindcss syntax to vanilla css.
6. In style.css:
   @tailwind base;
   @tailwind components;
   @tailwind utilities;
   This makes sure that tailwind classes that we use in our codebase have there styles included in style.css

Q: In tailwind.config.js, what does all the keys mean?
A:
1. **Content:** here we specify the path to all the files like HTML, JS files in which we have included the tailwind class names.
2. **Theme**: In theme, we specify our color palettes, fonts, border radius etc. , anything related to visual design. Here we can modify the styles of the prebuilt tailwind classes. Eg: we can change the sm range here.
3. **Extends:** Preserve the default values of the theme options and allows adding new values to it.
   ```
   theme: {
      extend: {
        // Adds a new breakpoint in addition to the default breakpoints
        screens: {
          '3xl': '1600px',
        }
      }
   }
   ```

4. **Plugins:** Allows us to register plugins with tailwind that allows us to use additional utilities, components, base style or custom variants.

```
plugins: [
    require('@tailwindcss/forms'),
    require('@tailwindcss/aspect-ratio'),
    require('@tailwindcss/typography'),
    require('tailwindcss-children'),
  ],
```

Q: Why do we have .postcssrc file?
A: This file tells postcss to transpile the postcss plugins syntax to vanilla CSS. Here we specify the plugins such as tailwindcss which needs to be transformed into vanilla CSS.