Short Answer:

Answer the following questions with complete sentences in your own words. You are encouraged to conduct your own research online or through other methods before answering the questions. If you research online, please consult multiple sources before you write down your answers. You are expected to be able to explain your answers in detail

1. What is the difference between ngStyle and ngClass?

2. What is Directive in Angular 2+?

3. What are different types of directive that Angular 2+ support?

4. What is the difference between Component and Directive?

5. Explain difference between ngOnInit and constructor?

Coding Questions:

1. Directive

    1. Add A button which says "Display Detail"

    2. Add a paragraph with any content as your choice (e.g. "secretPassword = tuna")

    3. Toggle the display of that paragraph with button click created in the first step

    4. Log all button click in an array and output that array below the secret paragraph (Maybe log a timestamp or simple a increasing counter)

    5. Starting at the 5th log item, give all future logs a blue background color (Via ngStyle) and a white text color (ngClass)

        Note: the button click will not toggle the log, but the secrete paragraph.

2. Create Custom Directive which does the same thing as *ngIf and use it in a program

3. Create an application that outputs when each lifecycle method has been activated in angular.