1. **Briefly explain what Angular is and its various uses.**

*Angular is a JavaScript framework, that can be used to build complex mobile and desktop applications. Similar to React.JS, its main difference is a stricter application structure, the use to TypeScript rather than JavaScript and two-way data binding.*

*Angular uses webpack for optimised builds and code-splitting and is ideal for large enterprise apps.*

1. **Describe the key differences between TypeScript and JavaScript.**

*The key differences are that TypeScript uses static-typing to determine the type of variable prior to it being assigned a value, and errors can be identified during transpiling (translating to js prior reaching the browser).*

1. **What are some advantages of using TypeScript?**

*Due to strict-typing and error checking before the code reaches the browser, TypeScript is more robust and scalable. This will generally save dev time and allow developers to become more efficient. << Expand on this*

1. **Briefly explain the two types of Angular Forms.**

*Angular Template Driven Forms and Reactive Forms*

***Template Driven Forms*** *are defined in a HTML template then hooked up to the component via [ngModel] directives. Ideal for small forms due to minimal complexity. In this case the source of truth is seen as the template.*

*In* ***Reactive Forms*** *the logic stays in the model so it’s the one source of truth when updated. In this case the component declares a form model (rather than using a directive in the template). This can be seen as over the top for small forms but allows for more complex and scalable application.*

1. **What does data-binding in Angular allow you to do?**

*Data-Binding in Angular allows the connection of the components and views. This consists of one-way binding (component to view* ***or*** *view to component) or double-binding where component passes data to the view, which can then manipulated by the client which in turn updates the component.*

*By connecting the data to the UI it allows us to keep our views consistent with the state of the application.*

1. **What is interpolation?**

*Interpolation a form of one-way data binding used in Angular applications. This consists of a data variable passing its data to the HTML element. This than then use pipes to alter the display of the data. The one-way nature means that the HTML element cannot alter the data.*