**Essay**

1. How would you say that front-end development has evolved over the years? State some key difference from then (like 10 years ago) to now.
   * It’s not just within front end development. It’s happening within any industry and field which heavily relies on technology. All technology has accelerated growth because it’s compositional. One stack is built on the next creating new combinational opportunities. As the web became the largest and most influential platform in the world, more and more developers started to build for it. And we all know that the only language on the web is JavaScript, CSS, Html5, etc. which became the target language.  
     Many new languages were born to improve the developer’s experience since not all developers, understandably, like JavaScript. Microsoft created TypeScript; Facebook introduced FlowType and ReasonML and also hipster languages such as Elm and PureScript took a lot of attraction. That led us to vibrant and different developer experiences, including typed and pure functional languages which compiled to JavaScript.
2. Provide a code snippet that shows CSS precedence between element selectors, class selectors and inline styling.
   * Normally, a CSS rule with CSS class selector has higher specificity than a CSS rule with an element selector, so normally the second CSS rule (.specialText {...} ) would take precedence over the first CSS rule (div {...} ). That means, that the .specialText rule would set the font-size of the div element to 18px.   
     Sometimes the browser cannot determine the CSS rule or property precedence based on the !important instruction. Either because no CSS property declarations contain the !important instruction, or because multiple CSS property declaration contain the !important instruction for the same CSS property. In these cases the browser resorts to using the specificity of the CSS rule selectors to determine what CSS properties take precedence. The specificity of a CSS rule depends on its selector. The more specific the CSS selector is, the higher is the precedence of the CSS property declarations inside the CSS rule owning the selector.