1) You’ve been tasked with **creating a new version** of an application used by product administrators to manage settings and display data about user activity and information. The current version was written using jQuery but grew organically, and it’s become hard to maintain and add new features to it. It’s a medium-sized application, with multiple views displaying a lot of data and forms.

**Library**. Reason => As the application is getting complicated, in this case library can offer more functions where it can help developer easier to developer that project.

**REACT** is ideally in this case, because it can handle heavy-loaded data and application

2) You’ve been **asked to build** a new piece of your company’s web application. The existing application consists of several sub-applications served independently under different routes by an Express server, which allows for different technologies and frameworks to cohabit. You’ll be building what is essentially a huge table that will display hundreds of thousands of data records.

**Framework**. Reason => Web application is already existing before the project started. As everything is already provided (design, functions, etc). The developers can focus on their work faster as usual

**Angular** is good option because based on history. It can make lines shorter eg. from 12.000 lines to 1200

3) Your designers have **tasked** you with creating a prototype for a standalone application to be used internally by your product team. The application will showcase the product team’s design system (colors, components, fonts, styling, etc.).

**Library**. Reason => Because it offers more function such as tweaks and features. Especially this team want make something colourful for their application.

Perhaps **Vue** – this is ideal only if the designer want make something not complex and lightweight size of data. Basically, is mixture between Angular and perhaps REACT.

Advantages of using the React library to build it  
- Very focused tools and easy to learn  
- Stable code guaranteed  
- Better to maintained