1. What is the World Wide Web?

   The World Wide Web is a global information system formed out of web pages linked to each other using hyperlinks.

2. Explain the functional differences between a web application's front-end and back-end.
   The front-end of a web application relates to everything that the user sees and interacts with such as aesthetics of the app, interactivity and information presented, where the back-end development relates to the side that the user doesn't see, from where the information is being brought over in line with the user's input. The back-end development covers the server's process, database management, software architecture and frameworks.

3. Describe what occurs on the back end during a web interaction using the "Google query example" or create your own example.

   Using the "Google query example", the back-end operation of Google server will systematically review the Internet to find new and updated pages, will index and rank them based on its content, pictures videos and files, and will deliver the results in an easy-to-read format (which is set up in the front-end).

4. What is the MERN stack?
   The MERN stack is a JavaScript a collection of technologies that's designed to make the development process smoother. MERN includes MongoDB, Express, React, and Node.js.