**Opdracht 1**

* **What is React?**

React. Js is an open-source JavaScript library that is used for building user interfaces specifically for single-page applications. ... React allows developers to create large web applications that can change data, without reloading the page. The main purpose of React is **to be fast, scalable, and simple**.

* **What can you do with React?**

React. Js is an open-source JavaScript library that is used for **building user interfaces specifically for single-page applications**. It's used for handling the view layer for web and mobile apps. React also allows us to create reusable UI components.

* **What is the purpose of React?**

Instead of manipulating the browser's DOM directly, React creates a virtual DOM in memory, where it does all the necessary manipulating, before making the changes in the browser DOM. **React only changes what needs to be changed**! React finds out what changes have been made, and changes only what needs to be changed.

* **How popular is React?**

React is one of (if not the most) popular JavaScript frontend framework. According to Stack Overflow’s 2020 surveys, **React ranks #2 in most popular.**

* **Who is the creator of React?**

React was created by **Jordan Walke**, a software engineer at Facebook, who released an early prototype of React called "FaxJS". He was influenced by XHP, an HTML component library for PHP. It was first deployed on Facebook's News Feed in 2011 and later on Instagram in 2012. It was open-sourced at JSConf US in May 2013.

* **Why use React?**

ReactJS is **extremely intuitive to work with and provides interactivity to the layout of any UI**. Plus, it enables fast and quality assured application development that in turn saves tome for both - clients and developers.

* **What is the difference between react JS and react native?**

While Reactjs is basically a JavaScript library and React Native is the entire framework, the former is the heart of the latter, and **compliments each other**. If Reactjs is optimal for creating apps with high functionality and complex calculations, then React Native is ideal to give a native feeling to your mobile apps.