**Q.3. What is the uni-directional data flow in React?**

Unidirectional data flow is a technique that is mainly found in functional reactive programming. It is also known as one-way data flow, which means the data has one, and only one way to be transferred to other parts of the application. In essence, this means child components are not able to update the data that is coming from the parent component. In React, data coming from a parent is called props.

The major benefit of this approach is that data flows throughout your app in a single direction, giving you better control over it.

In terms of React it means:

- state is passed to the view and to child components

- actions are triggered by the view

- actions can update the state

- the state change is passed to the view and to child components