React

createRoot method : Behind the seen it create the DOM like structure as like a browser DOM . and it compare the own DOM with main DOM and then update only that thing which is update in UI not hole DOM I.e is called virtual DPM.

But browser update full DOM if you change a single thing in your page that is called reload.

Fiber Algorithm : React is used to Fiber algorithm for update the virtual DOM

 key features include the ability to pause, abort, or reuse work as new updates come in; the ability to assign priority to different types of updates; and new concurrency primitives.

[Reconciliation](https://facebook.github.io/react/docs/reconciliation.html) - A high-level description of React's reconciliation algorithm. it is basically Reconsider which one we have to update or which one we have not to update . it is recessive algorithm

*reconciliation*

The algorithm React uses to diff one tree with another to determine which parts need to be changed.

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