1. pros and cons between using promise and callback?

Promise: deal asyc with await

Callback: event loop, push asyc to web API while doing single thread process.

1. difference between Call, apply and bind

call, and apply execute the function immediately, bind execute the function whenever its needed.

1. 1 + ‘3’ = ?, //’13’

3 - ‘2’ = ?, //1

33 + ‘5’ - ‘4’ + ’55’ - 0? // 33155

1. How do u implement the shallow copy and deep copy?

shallow copy :[…state, this.state]

Deep copy: idk

1. What is diff between null and undefined? console.log(typeof null)? console.log(typeof undefined)?

Null: has a value null.

Undefined: empty value

console.log(typeof null) //object

console.log(typeof undefined) //undefined

1. list all primitive data type and reference data type? Diff between Primitive data type and reference data type?

primitive data : number, Boolean, string, null, undefined, bitint, symbol

reference: object

1. New features in the ES6

Let, const, Promise, Class, Arrow function, Set and Map, ``

1. What are the main features of the react?

Lifecyle: mounting, update, unmounting

Accessibility

Component

1. Walk me through all the knowledge of jsx u know?

Browser cannot recognize JSX

JSX has only one parents

CamalCase

1. Tell me all the lifecycle u familiar with?

Mounting: constructor, GetDerivedStatefromSate, Render, Componentdidmount

Updating: GetDerivedStatefromSate, shouldComponentUpdate, Render, getSnapShotBeforeupdate, ComponentDidUpdate,

Unmount: ComponentWillUnmount

1. Give me a example of how can u embed two or more components into one?

Const Combine = (props) => {

{props.children}

}

1. What are diffs between the state and props?

States store the data, props had be declare

1. Why should not update the state directly?

For reuse….

1. What are HOC? What can u do with HOC?

Higher order component, used for asyc component, making sure to call one component after another component.

1. Explain me what lifting state up in react?

Handle event, pass the state to its parent

1. Why do we prefer using id as keys than the index?

Let’s say there are index [0, 1, 2, 3], if the values in index[2] is deleted, then the index 2 is still there, only the values of it has change to index[3], the original index[3] is deleted instead of index 2

1. What are different between controlled component and uncontrolled components

IDK

1. Explain me the redux data flow?

When user did an action to the web, an action is trigged, this action is dispatched to reducer, if the action exists in the reducer, then copy the state and make the change. Render the change to the view/component.

1. Walk me through all the knowledge u know about actions and reducer?

Every action has a payload which tells what change should be made, in the reducers, If the action id found in the reducer, make the change to the store.

1. How virtual Dom update the real Dom?

Copy the original virtual DOM and make change to it. then compare the ne virtual DOM to the old one. Find the different between them. Render the difference to the real dom.