Q What is the difference between name and default import?

Ans:-

* Name Import :- Export the component from the same file/component , called the name import. Basically, if we want to export multiple component from the same file then we can use this ,

e.g for export, -> export const file1 =()=>{}, and for importing this as ,

import {file1} from ‘path”

* Default Import:- in this , we can export the file as default , meaning If we want only single file to be exported then we use approach.

e.g , for export , const MainFile =()=>{} , export default MainFile().

For import , import MainFile from “path”

* To import everything like two or three exported function , we can import everything as .

Import \* as Obj from “path”.

e.g

import \* as Obj from './src/component/Header'

and use it like,

<Obj.Header/>

Note- to import like this we require more then 2 exported function from that file/path.

Q How many ways we can create path of any component while importing ?

Ans:-

import Header from "./src/component/Header.js"

or

import Header from "./src/component/Header"

Q can we rename the file/component when we importing as default export.

Ans :- Yes , but ideally don’t do this .

import NewHeader from "./src/component/Header.js"

Q what is one way data binding in React?

Ans:- declaring the local variable with data (string) and pass it into input value but it didn’t change due to hardcoded, so to make it change , in react we need to change it manually using method called onChange through which that value has change or update that value this called one way data binding.

But if we can read that typed value at time of updating the variable. It’s called two way data binding. Cause here , we type- update- read.

Q What is State?

Ans :- state is like , creating the local variable in React , state used within it. Which store some information about the variable declare etc. so every time we create such local variable in React we use this state variable further created by useState.

Q what is hooks?

Ans:- they are just the JS function which provide some specific function for us . developed by Facebook.

Q what is useState?

Ans:- import as name import , e.g import {useState} from ‘react’. The function of this state is create local state variable in React. This useState function is return the array in which the first variable of this array is the variable name and second is called function to update that variable.

Alternat way to write state variable in react is –

*// creating the local state variable in React using useState hooks ( which is nothing but the Normal JS function which provide specific functionality.)*

    const SearchItem = useState('KeY')

    const [searchTxt, setSearchTxt] = SearchItem;

Q why need state in react ?

Ans :-

* Cause , when you declare local variable and during update that variable , then react won’t find that change which needed to reflect on ui.
* So in order to sync your local variable with ui , then you need to use local state variable. Cause when they update then react will render again to reflect those changes in UI.

Note – when state is update and it reflect on UI , react will render again to display it . but do react create whole page again, no – it won’t , due to **Reconciliation** .