**Task 2**

2. When and how to create multi-component files

Tasks:

1. Create a file named UserComponents.js and inside it, define two

components: UserName and UserAge that display hardcoded names and ages

respectively.

2. Export both UserName and UserAge from UserComponents.js.

**UserComponents.jsx**

import React from 'react'

export function UserName() {

const name="Kavin"

return (

<>

<h3>{name}</h3>

</>

)

}

export function UserAge() {

const age=21

return (

<>

<h3>{age}</h3>

</>

)

}

**Main.jsx**

import { UserAge, UserName } from './UserComponents.jsx'

createRoot(document.getElementById('root')).render(

<StrictMode>

<UserName />

<UserAge />

</StrictMode>

)

3. In a separate file, import and use both UserName and UserAge components

using named imports.

**Main.jsx**

import { UserAge, UserName } from './UserComponents.jsx'

createRoot(document.getElementById('root')).render(

<StrictMode>

<UserName />

<UserAge />

</StrictMode>

)

4. Convert UserAge into a default export and modify the importing file to

accommodate the change.

**UserComponents.jsx**

import React from 'react'

export function UserName() {

const name="Kavin"

return (

<>

<h3>{name}</h3>

</>

)

}

export default function UserAge() {

const age=21

return (

<>

<h3>{age}</h3>

</>

)

}

Main.jsx

import UserAge , {UserName} from './UserComponents.jsx'

createRoot(document.getElementById('root')).render(

<StrictMode>

<UserName />

<UserAge />

</StrictMode>

)

5. Split UserName and UserAge into separate files and adjust your imports.

**UserName.jsx**

import React from 'react'

export default function UserName() {

const name="Kavin"

return (

<>

<h2>{name}</h2>

</>

)

}

**UserAge.jsx**

import React from 'react'

export default function UserAge() {

const age=21

return (

<>

<h2>{age}</h2>

</>

)

}

**Main.jsx**

import UserName from './UserName.jsx'

import UserAge from './UserAge.jsx'

createRoot(document.getElementById('root')).render(

<StrictMode>

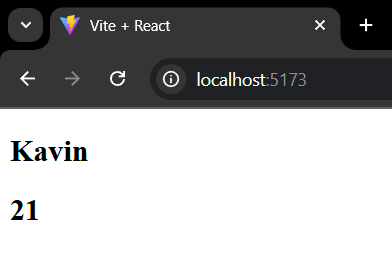
<UserName />

<UserAge />

</StrictMode>

)

**Output**

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