

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>
    </>
  )
}
```

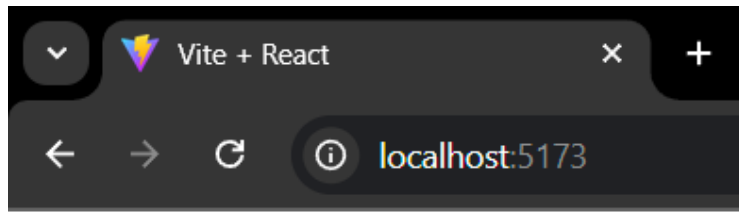
Main.jsx

```
import UserName from './UserName.jsx'
```

```
import UserAge from './UserAge.jsx'
```

```
createRoot(document.getElementById('root')).render(
  <StrictMode>
    <UserName />
    <UserAge />
  </StrictMode>
)
```

Output



Kavin

21