Task 6

6. Conditional Rendering
Tasks:

1. Design a UserStatus component that displays “Online” or “Offline” based on a isOnline prop.

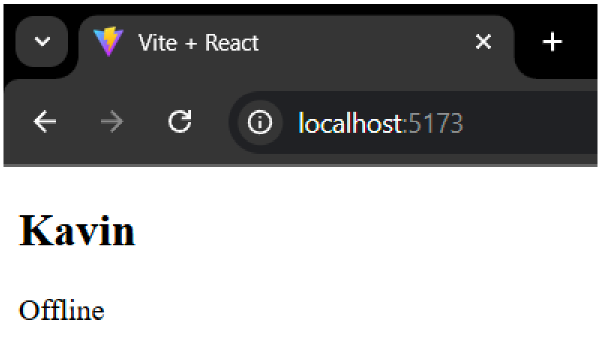
UserStatus.jsx

```
import React from 'react'

export default function UserStatus(props) {
  return (
    <>
      <h2>{props.name}</h2>
      <p>{props.isonline ? "Online" : "Offline"}</p>
    </>
  )
}
```

Main.jsx

```
import UserStatus from './UserStatus.jsx'

createRoot(document.getElementById('root')).render(
  <StrictMode>
    <UserStatus name="Kavin" isonline = {false} />
  </StrictMode>
)
```

Output



```
Kavin

Offline
```

2. Write a component AgeCheck that displays “Adult” or “Minor” based on an age prop.

AgeCheck.jsx

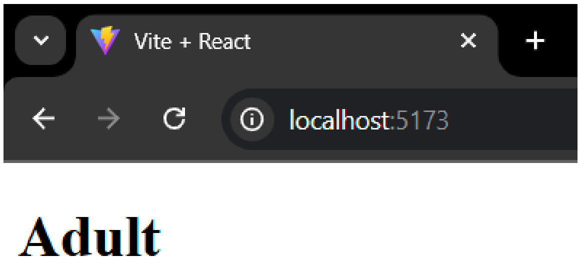
```
import React from 'react'
```

```
export default function AgeCheck(props) {
  return (
    <>
      <h1>{props.age >= 18 ? "Adult" : "Minor"}</h1>
    </>
  )
}
```

Main.jsx

```
import AgeCheck from './AgeCheck.jsx'

createRoot(document.getElementById('root')).render(
  <StrictMode>
    <AgeCheck age={20} />
  </StrictMode>
)
```

Output



Adult

3. Create a Loading component that either displays “Loading…” or content based on a isLoading prop.

Loading.jsx

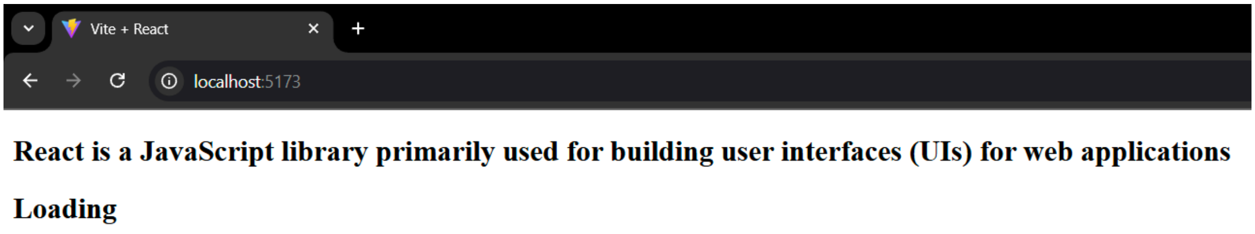
```
import React from 'react'

export default function Loading(props) {
  return (
    <>
      <h2>{props.isLoading ? props.isLoading : "Loading"}</h2>
    </>
  )
}
```

Main.jsx

```
import Loading from './Loading.jsx'
```

```
createRoot(document.getElementById('root')).render(
  <StrictMode>
    <Loading isLoading="React is a JavaScript library primarily used for building user interfaces (UIs) for web applications"/>
    <Loading />
  </StrictMode>
)
```

Output



React is a JavaScript library primarily used for building user interfaces (UIs) for web applications

Loading

4. Make a Notification component that conditionally displays a message if a message prop is provided.

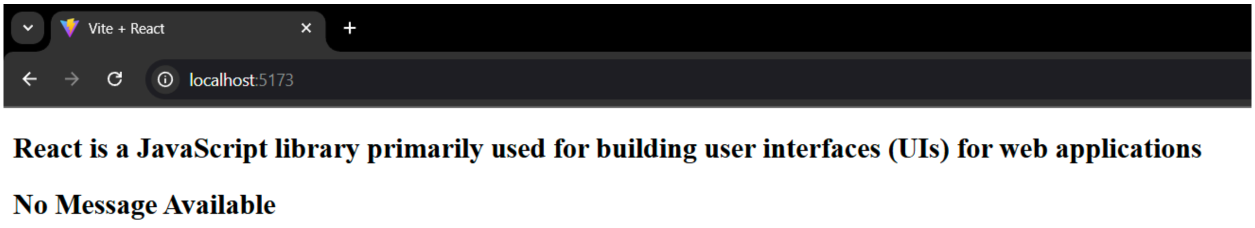
Notification.jsx

```
import React from 'react'

export default function Notification(props) {
  return (
    <>
      <h2>{props.content ? props.content : "No Message Available"}</h2>
    </>
  )
}
```

Main.jsx

```
import Notification from './Notification.jsx'


createRoot(document.getElementById('root')).render(
  <StrictMode>
    <Notification content="React is a JavaScript library primarily used for building user interfaces (UIs) for web applications"/>
    <Notification />
  </StrictMode>
)
```

Output



React is a JavaScript library primarily used for building user interfaces (UIs) for web applications

No Message Available

5. Design a Feedback component that displays feedback in either green (positive) or red (negative) based on a type prop.

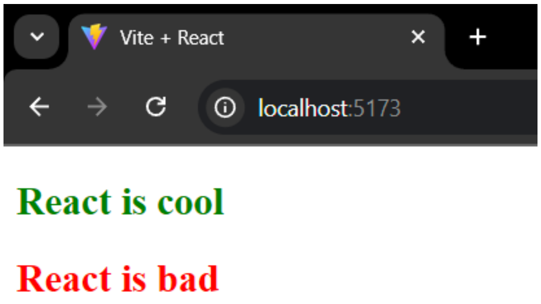
Feedback.jsx

```
import React from 'react'

export default function Feedback(props) {
    const style = {
        color : props.type === "positive" ? "green" : "red"
    }
  return (
    <>
      <h2 style = {style} > {props.info}</h2>
    </>
  )
}
```

Main.jsx

```
import Feedback from './Feedback.jsx'


createRoot(document.getElementById('root')).render(
  <StrictMode>
    <Feedback type="positive" info="React is cool"/>
    <Feedback type="negative" info="React is bad"/>
  </StrictMode>
)
```

Output



React is cool

React is bad