Task 1

1. How to write your first React component
Tasks:

1. Create a simple functional component named Greeting that returns “Hello, World!” within a <h1> tag.

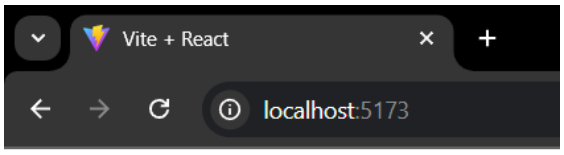
Greeting.jsx

```
import React from 'react'

export default function Greeting() {
  return (
    <>
       <h1>Hello World!</h1>
    </>
  )
}
```

Main.jsx

```
import { StrictMode } from 'react'
import { createRoot } from 'react-dom/client'
import './index.css'
import App from './App.jsx'
import Greeting from './Greeting.jsx'

createRoot(document.getElementById('root')).render(
  <StrictMode>
    <Greeting />
  </StrictMode>,
)
```

Output



Hello World!

2. Modify the Greeting component to display “Hello, React!”.

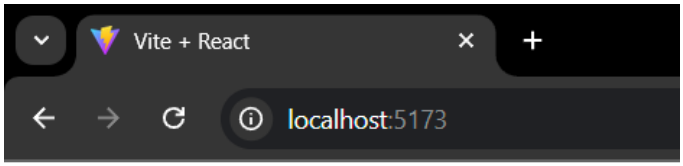
Greeting.jsx

```
import React from 'react'

export default function Greeting() {
  return (
    <>
       <h1>Hello, React!</h1>
    </>
  )
}
```

Main.jsx

```
import { StrictMode } from 'react'
import { createRoot } from 'react-dom/client'
import './index.css'
import App from './App.jsx'
import Greeting from './Greeting.jsx'

createRoot(document.getElementById('root')).render(
  <StrictMode>
    <Greeting />
  </StrictMode>,
)
```

Output



Hello, React!

3. Create a Gallery functional component to display an image.

Gallery.jsx

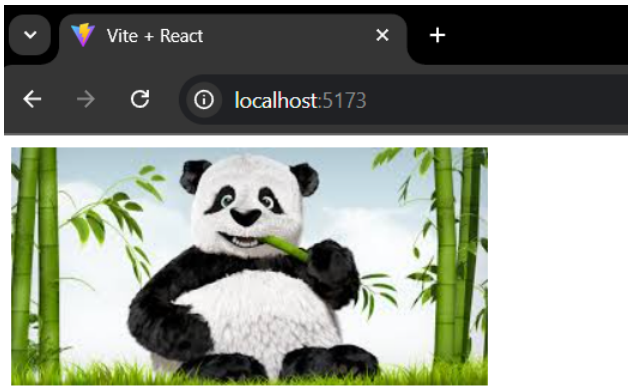
```
import React from 'react'

export default function Gallery() {
  return (
```

```
    <>
      <img
src='https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRFU7U2h0umyF0P6E_yhTX45s
GgPEQAbGaJ4g&s'></img>
    </>
  )
}
```

Main.jsx

```
import { StrictMode } from 'react'
import { createRoot } from 'react-dom/client'
import './index.css'
import App from './App.jsx'
import Greeting from './Greeting.jsx'
import Gallery from './Gallery.jsx'

createRoot(document.getElementById('root')).render(
  <StrictMode>
    <Gallery />
  </StrictMode>,
)
```

Output



4. Add Greeting to the Gallery component and display the image and greeting.

Gallery.jsx

```
import React from 'react'
import Greeting from './Greeting'

export default function Gallery() {
  return (
```

```
    <>
       <Greeting />
      <img
src='https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRFU7U2h0umyF0P6E_yhTX45s
GgPEQAbGaJ4g&s'></img>
    </>
  )
}
```

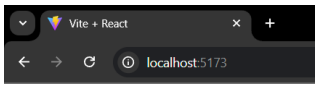
Greeting.jsx

```
import React from 'react'

export default function Greeting() {
  return (
    <>
       <h1>Hello, React!</h1>
    </>
  )
}
```

Main.jsx

```
import { StrictMode } from 'react'
import { createRoot } from 'react-dom/client'
import './index.css'
import App from './App.jsx'
import Greeting from './Greeting.jsx'
import Gallery from './Gallery.jsx'

createRoot(document.getElementById('root')).render(
  <StrictMode>
    <Gallery />
  </StrictMode>,
)
```

Output



Hello, React!

5. Write a component called Profile which displays a hardcoded user's name and age.

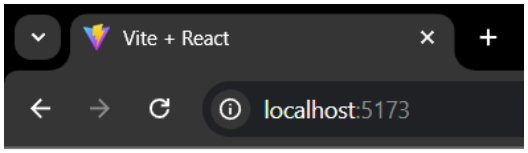
Profile.jsx

```
import React from 'react'

export default function Profile() {
   const name='kavin'
   const age=21
   return (
   <>
     <h1>{name}</h1>
     <h1>{age}</h1>
   </>
 )
}
```

Main.jsx

```
import { StrictMode } from 'react'
import { createRoot } from 'react-dom/client'
import './index.css'
import App from './App.jsx'
import Greeting from './Greeting.jsx'
import Gallery from './Gallery.jsx'
import Profile from './Profile.jsx'

createRoot(document.getElementById('root')).render(
  <StrictMode>
    <Profile />
  </StrictMode>,
)
```

Output



kavin

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