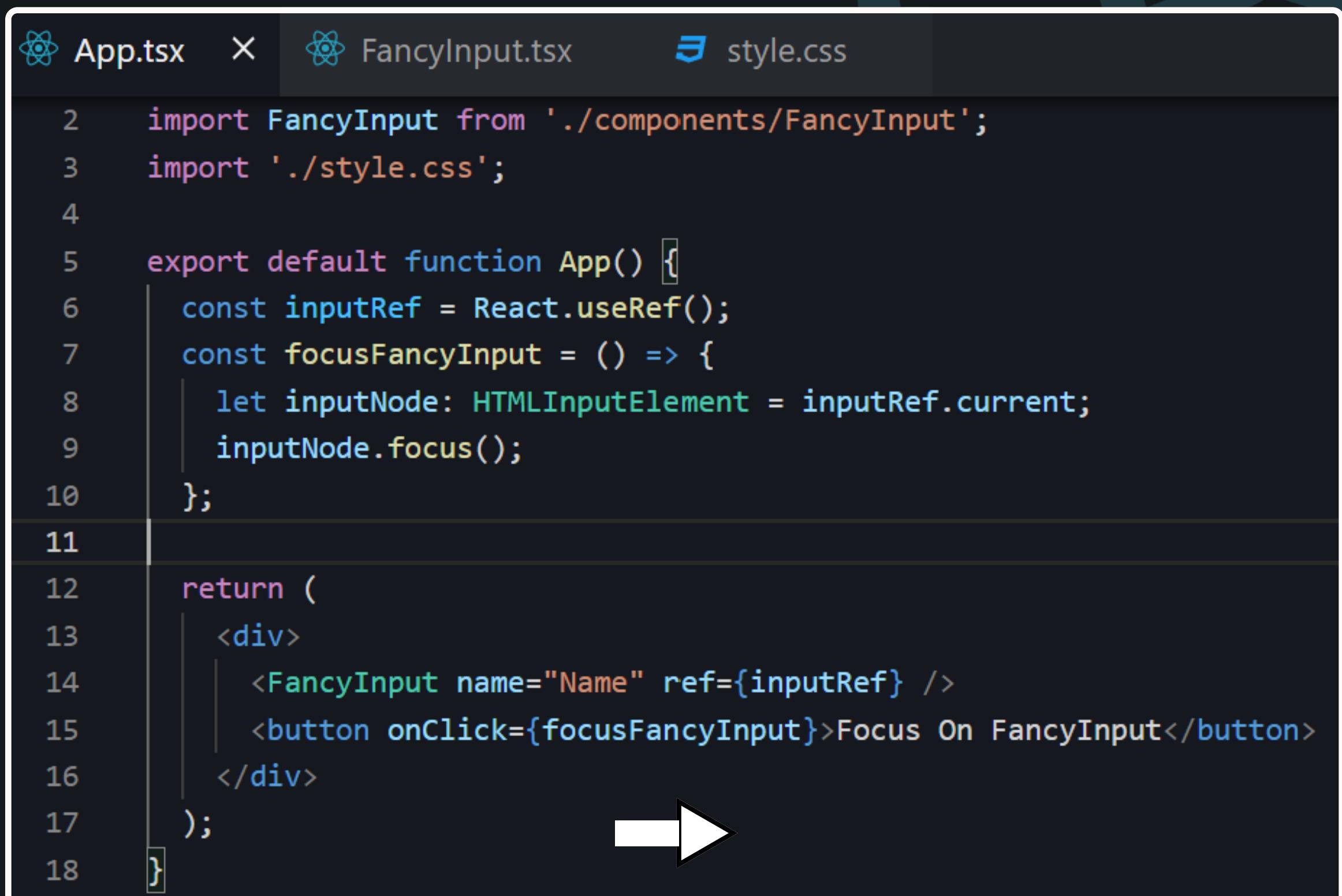


# forwardRef in React

React forwardRef is a method that **allows parent components pass down (i.e., “forward”) refs to their children**. Using forwardRef in React gives the child component a reference to a DOM element created by its parent component. **This then allows the child to read and modify that element anywhere it is being used.**



```
App.tsx X FancyInput.tsx style.css

2 import FancyInput from './components/FancyInput';
3 import './style.css';
4
5 export default function App() {
6   const inputRef = React.useRef();
7   const focusFancyInput = () => {
8     let inputNode: HTMLInputElement = inputRef.current;
9     inputNode.focus();
10  };
11
12  return (
13    <div>
14      <FancyInput name="Name" ref={inputRef} />
15      <button onClick={focusFancyInput}>Focus On FancyInput</button>
16    </div>
17  );
18}
```

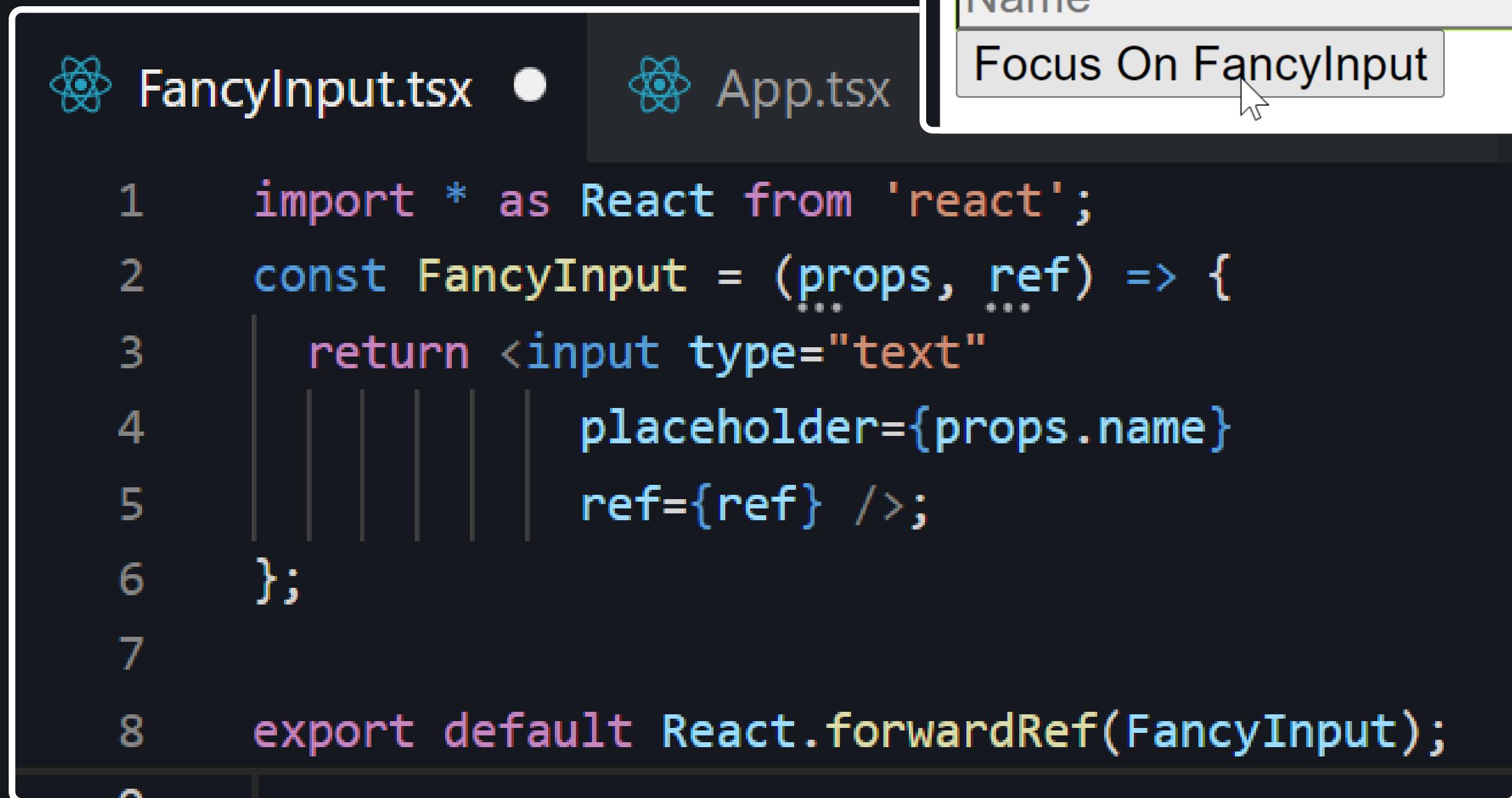


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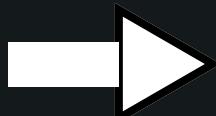
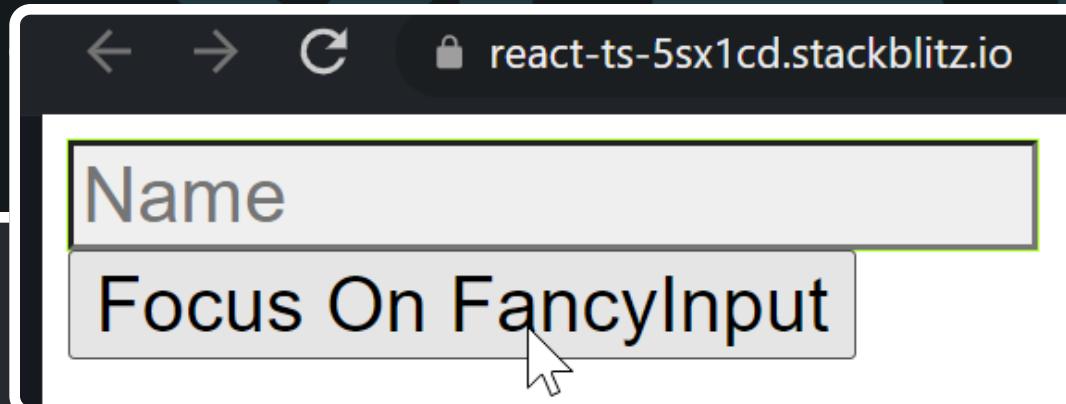
# forwardRef in React



FancyInput.tsx

```
1 import * as React from 'react';
2 const FancyInput = (props, ref) => {
3   return <input type="text"
4             placeholder={props.name}
5             ref={ref} />;
6 }
7
8 export default React.forwardRef(FancyInput);
```

App.tsx



Check Comment  
Link to stackblitz  
Sandbox for  
Working Demo



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