

# 2024-04-03 5.7.7 DOM reference

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1 DOM reference 실습

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DOM 객체를 접근해 보세요!

Component

```
import React, {FC, useRef} from 'react';

const CustomTextInput: FC = () => {
  const textInput = useRef<HTMLInputElement>(null);

  const handleClick = () => {
    // TODO: To be implemented
  }

  return (
    <div>
      <input
        type="text"
        data-testid="input-text"
      />
      <input
        type="button"
        data-testid="input-button"
        value="Focus the text input"
        onClick={handleClick}
      />
    </div>
  );
};

export default CustomTextInput;
```

Component Test

```
import React, {render, screen} from '@testing-library/react';
import userEvent from "@testing-library/user-event";
import CustomTextInput from "../CustomTextInput";

/*
ref dom
*/
describe('state test', () => {
  it('Square X .', () => {
    render(<CustomTextInput/>);
    const button = screen.getByTestId('input-button');
    userEvent.click(button);

    const text = screen.getByTestId('input-text');
    expect(text).toHaveFocus();
  });
});
```