## usestate





```
function that updates state variable

const [state, setState] = useState<$>(initialState);

type variable

type variable

type of state

type of state

variable
```

#### Initialize and use state variable

### Initialize state variable with function

### Update value of state variable

# Update value of state variable with previous state value

```
import React, { useState } from "react";
export const FunctionComponent = () => {
  const [superhero, updateSuperhero] = useState(
    "Spider-Man"
  return (
    <div>
      <h2>{superhero}</h2>
       <br/>button
                                                                                 use the functional
         onClick={() =>
                                                                               update form of the update state function.
           updateSuperhero(
              (superhero: string) => `${superhero} + Iron Man`
                                                                                 Function passed in
                                                                                 has access to the
                                                                                previous state value.
         Update Superhero!
      </button>
    </div>
```