

views/Main.js

```
import React, { useEffect, useState } from 'react'
import axios from 'axios';
import PersonForm from '../components/PersonForm';
import PersonList from '../components/PersonList';
export default () => {
  const [people, setPeople] = useState([]);
  const [loaded, setLoaded] = useState(false);
  useEffect(() => {
    axios.get('http://localhost:8000/api/person')
      .then(res => {
        setPeople(res.data);
        setLoaded(true);
      });
  }, []);
  const removeFromDom = personId => {
    setPeople(people.filter(person => person._id !== personId));
  }
  const createPerson = person => {
    axios.post('http://localhost:8000/api/person', person)
      .then(res => {
        setPeople([...people, res.data]);
      })
  }
  return (
    <div>
      <PersonForm onSubmitProp={createPerson} initialFirstName=""
        initialLastName="" />
      <hr />
      {loaded && <PersonList people={people} removeFromDom={removeFromDom} />}
    </div>
  )
}
```

initialFirstName=""
initialLastName=""

useState("")

components/PersonForm.js

```
import React, { useEffect, useState } from 'react'
import axios from 'axios';
export default props => {
  const { initialFirstName, initialLastName, onSubmitProp } = props;
  const [firstName, setFirstName] = useState(initialFirstName);
  const [lastName, setLastName] = useState(initialLastName);
  const onSubmitHandler = e => {
    e.preventDefault();
    onSubmitProp({ firstName, lastName });
  }
  return (
    <form onSubmit={onSubmitHandler}>
      <p>
        <label>First Name</label><br />
        <input
          type="text"
          name="firstName" value={firstName}
          onChange={(e) => { setFirstName(e.target.value) }} />
      </p>
      <p>
        <label>Last Name</label><br />
        <input
          type="text"
          name="lastName" value={lastName}
          onChange={(e) => { setLastName(e.target.value) }} />
      </p>
      <input type="submit" />
    </form>
  )
}
```

initialFirstName = "Heidi"
initialLastName = "Chen"

views/Update.js

```
...
const { id } = props;
const [person, setPerson] = useState();
const [loaded, setLoaded] = useState(false);
useEffect(() => {
  axios.get('http://localhost:8000/api/person/' + id)
    .then(res => {
      setPerson(res.data);
      setLoaded(true);
    });
}, []);
const updatePerson = person => {
  axios.put('http://localhost:8000/api/person/' + id, person)
    .then(res => console.log(res));
}
...
//In our return
{loaded && (
  <PersonForm
    onSubmitProp={updatePerson}
    initialFirstName={person.firstName}
    initialLastName={person.lastName}
  />
)}
```

person.firstname = "Heidi"
person.lastname = "Chen"