

```

import "./styles.css";
import React, { useState } from "react";

export default function App() {
  const [values, setValues] = useState({
    firstName: "",
    lastName: "",
    email: ""
  });

  const handleInputChange = (event) => {
    /* event.persist(); NO LONGER USED IN v.17*/
    event.preventDefault();

    const { name, value } = event.target;
    setValues((values) => ({
      ...values,
      [name]: value
    }));
  };

  const [submitted, setSubmitted] = useState(false);
  const [valid, setValid] = useState(false);

  const handleSubmit = (e) => {
    e.preventDefault();
    if (values.firstName && values.lastName && values.email) {
      setValid(true);
    }
    setSubmitted(true);
  };

  return (
    <div className="form-container">
      <form className="register-form" onSubmit={handleSubmit}>
        {submitted && valid && (
          <div className="success-message">
            <h3>
              {" "}
              Welcome {values.firstName} {values.lastName}{" "}
            </h3>
            <div> Your registration was successful! </div>
          </div>
        )}
      </form>
    </div>
  );
}

```

```
{!valid && (  
  <input  
    class="form-field"  
    type="text"  
    placeholder="First Name"  
    name="firstName"  
    value={values.firstName}  
    onChange={handleInputChange}  
  />  
)}  
  
{submitted && !values.firstName && (  
  <span id="first-name-error">Please enter a first name</span>  
)}  
  
{!valid && (  
  <input  
    class="form-field"  
    type="text"  
    placeholder="Last Name"  
    name="lastName"  
    value={values.lastName}  
    onChange={handleInputChange}  
  />  
)}  
  
{submitted && !values.lastName && (  
  <span id="last-name-error">Please enter a last name</span>  
)}  
  
{!valid && (  
  <input  
    class="form-field"  
    type="email"  
    placeholder="Email"  
    name="email"  
    value={values.email}  
    onChange={handleInputChange}  
  />  
)}  
  
{submitted && !values.email && (  
  <span id="email-error">Please enter an email address</span>  
)}
```

```
{!valid && (  
  <button class="form-field" type="submit">  
    Register  
  </button>  
  )}  
</form>  
</div>  
);  
}
```