



# Form submission

Web Development  
Lesson 4.1



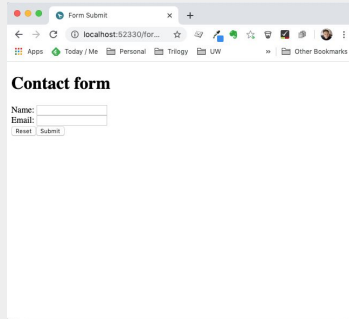
# Display a page with a form

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Browser requests a web page: `http://mysite.com/contactform`

## Browser

6. Displays `index.html`



A screenshot of a web browser window. The address bar shows 'localhost:52330/for...'. The page title is 'Form Submit'. The content area displays a 'Contact form' with input fields for 'Name:' and 'Email:', and 'Reset' and 'Submit' buttons.

1. Requests `index.html`

## Server

<http://mysite.com/>

2. Looks for route:  
`/contactform/index.html`

3. Finds a route  
`/contactform/index.html`

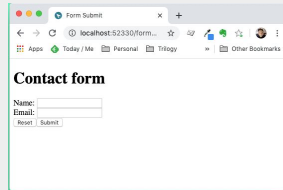
4. Responds with `index.html`

# Click submit without event.preventDefault

Browser makes a GET request with parameters

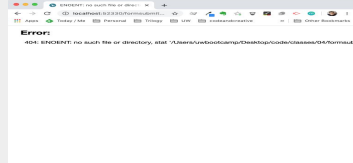
## Browser

1. Click submit



The screenshot shows a web browser window titled 'Form Submit'. The address bar shows 'localhost:52330/form...'. The page content includes a 'Contact form' with two input fields labeled 'Name:' and 'Email:', and a 'Submit' button.

6. Displays error



2. Requests

`index.html?name=John&email=john@codeandcreative`

5. Responds with an error:

`404 Not Found`

## Server

<http://mysite.com>

3. Looks for route

`/contactform/index.html ?name=John&email=john@codeandcreative`

4. Doesn't find a route

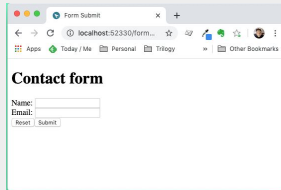
`/contactform/index.html ?name=John&email=john@codeandcreative`

# Click submit with event.preventDefault

On submit, the default behavior is stopped

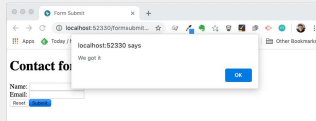
## Browser

1. Click submit



A screenshot of a web browser window titled 'Form Submit'. The address bar shows 'localhost:52330/form...'. The page content includes a 'Contact form' with two input fields labeled 'Name:' and 'Email:', and a 'Submit' button below them.

4. Displays alert



A screenshot of a web browser window titled 'New Tab'. The address bar shows 'localhost:52330/formsubmit...'. The page content includes a 'Contact fo' form. A modal alert box is displayed over the form, containing the text 'localhost:52330 says' and 'We got it'.

2. Trigger click handler in `app.js`

3. click handler stops request to server

No request made here

**Server**  
<http://mysite.com>

