

# Web Application Development

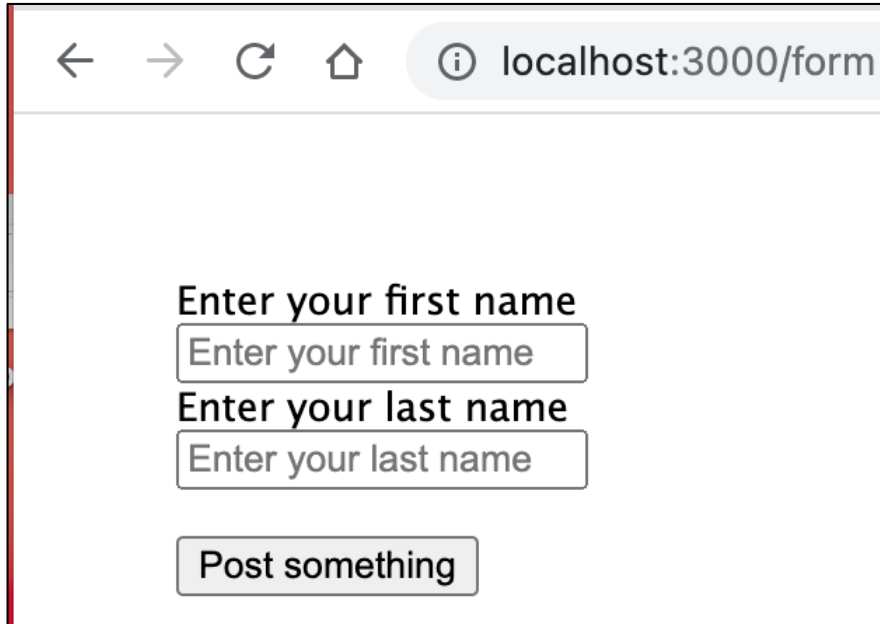
Node.js - Form

**express --no-view Node3-Form**

**cd Node3-Form**

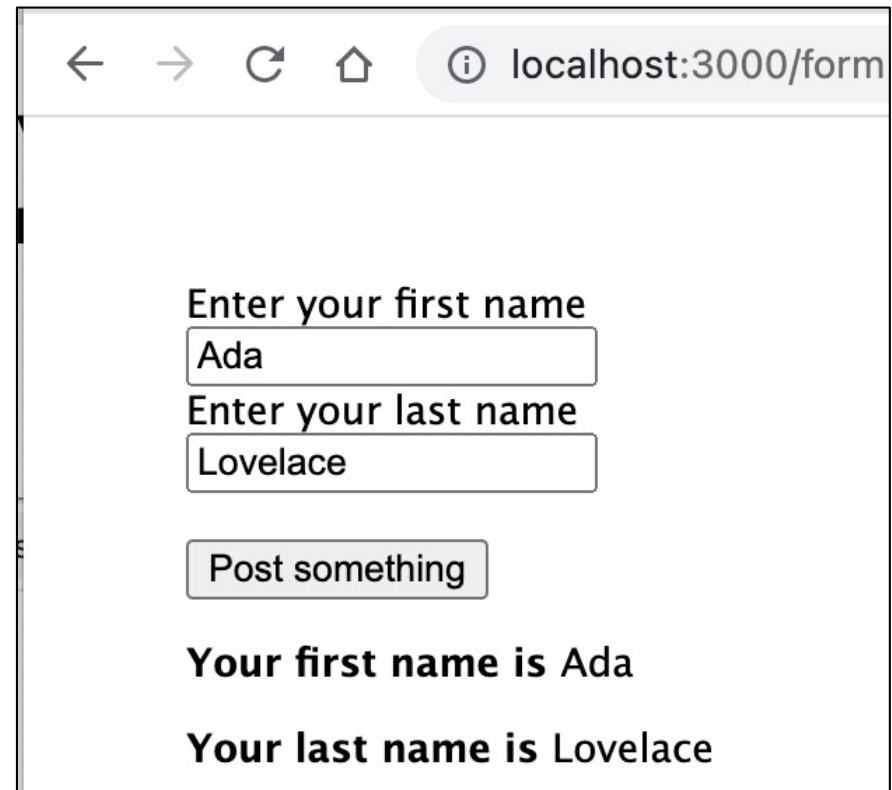
**npm install**

**npm start**



A screenshot of a web browser window with the address bar showing "localhost:3000/form". The page contains a form with the following elements:

- Label: "Enter your first name" above a text input field containing the placeholder text "Enter your first name".
- Label: "Enter your last name" above a text input field containing the placeholder text "Enter your last name".
- A button labeled "Post something".



A screenshot of a web browser window with the address bar showing "localhost:3000/form". The page shows the form after submission, with the following elements:

- Label: "Enter your first name" above a text input field containing the value "Ada".
- Label: "Enter your last name" above a text input field containing the value "Lovelace".
- A button labeled "Post something".
- Feedback text: "Your first name is Ada" and "Your last name is Lovelace".

## routes/index.js

```
var path = require('path');
```

```
...
```

```
// http://localhost:3000/form
```

```
router.get('/form', function(req, res) {  
  res.sendFile(path.join(__dirname, '..', 'public', 'form.html'));  
});
```

```
router.post('/form', function(req, res) {  
  res.json({  
    first: req.body.first,  
    last: req.body.last  
  });  
});
```

## public/form.html

```
<body>
  <div id="container">      </div>
  <div id="echo">           </div>

  <!-- Load our React component. -->
  <script src="./javascripts/form.js" type="text/babel"></script>
</body>
</html>
```

Don't forget to modify <head>

If you don't know, refer to “session” example.

`public/javascripts/form.js`

Download from BlackBoard

## In-class exercise (1/2)

- Replicate form examples

- Have your own Madlibs
- <http://www.redkid.net/madlibs/>
  - Choose Gossip Column (shorter one)
  - <http://www.redkid.net/cgi-bin/madlibs/gossipcolumn.pl>

## In-class exercise (2/2)

<http://localhost:3000/madlibs>

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## ITEMS FROM A GOSSIP COLUMN

**Input Your Word Choices:**

Article of Clothing

Female Person You Know #1

Female Person You Know #2

Male Person You Know #1

Male Person You Know #2

Plural Noun

← → ↻ 🏠 ⓘ localhost:3000/madlibs

## ITEMS FROM A GOSSIP COLUMN

**Input Your Word Choices:**

Article of Clothing


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Male Person You Know #2

Plural Noun



**Ada Lovelace** and her ex-husband **Alan Turing** were seen last night at the Twenty-Three Club holding **LukeSkywalker**. Could it be reconciliation? The international heartthrob, **Luke Skywalker**, and the glamorous top model, **Princes Leia**, are expecting their first baby in November. **Princes Leia** is denying stork rumors, but yesterday she was buying a maternity **socks**