

COMP335 Web Application Development

Node.js

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- Session (3/25)
- Form (3/28)
- Database (4/1, 4/4)
- Authentication (4/8)
- Online chatting (4/11)

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• Exam II

– Starts at classroom on Friday, 4/15

- Q&A

– Due midnight Tuesday 4/19

- submit your work to your Heroku Website

• Academic Dishonesty Policy

- You may consult any books, online documentations
- You must NOT discuss the exam with anyone.
- You must NOT post questions online.
- You must NOT share solutions to anyone except instructor.
- You must refuse to help anyone who asks for your help.

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Useful reference for Express

- <http://expressjs.com/en/api.html>

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<http://localhost:3000/formHandler>

routes/index.js

```
router.get('/formHandler', function(req, res) {
  res.render('form');
});

router.post('/formHandler', function(req, res) {
  /*
  // alternative
  console.log(req);
  res.render('form',{
    title: req.body.title,
    paragraph: req.body.paragraph
  });
  */

  console.log(req.body);
  res.render('form', req.body);
});
```

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<http://localhost:3000/formHandler>

view/form.hbs


```
<form method="post" action="formHandler">
  <label> Enter a title </label><br>
  <input type="text" name="title"
    placeholder="Enter a title"><br>
  <label> Enter a paragraph</label> <br>
  <textarea name="paragraph" id="paragraph"
    col="80" rows="10"></textarea> <br>
  <input type="submit" value="Post something">
</form>

{{#if title}}
<p>Title is {{title}}</p>
<p>Paragraph is {{paragraph}}</p>
{{/if}}
```

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In-class exercise

- <http://www.redkid.net/madlibs/>
 - Choose Gossip Column (shortest one)
 - <http://www.redkid.net/cgi-bin/madlibs/gossipcolumn.pl>

ITEMS FROM A GOSSIP COLUMN	Mad Libs
Input Your Word Choices:	
Article of Clothing: <input type="text" value="socks"/>	
Female Person You Know #1: <input type="text" value="Ada Lovelace"/>	Items From A Gossip Column
Female Person You Know #2: <input type="text" value="Princess Leia"/>	Ada Lovelace and her ex-husband Alan Turing
Male Person You Know #1: <input type="text" value="Alan Turing"/>	were seen last night at the Twenty-Three Club holding
Male Person You Know #2: <input type="text" value="Luke Skywalker"/>	potatoes. Could it be reconciliation? The international heartthrob,
Plural Noun: <input type="text" value="potatoes"/>	Luke Skywalker, and the glamorous top
<input type="button" value="See the Results!"/>	model, Princess Leia, are expecting their first
	baby in November. Princess Leia is
	denying stork rumors, but yesterday she was buying
	a maternity socks.