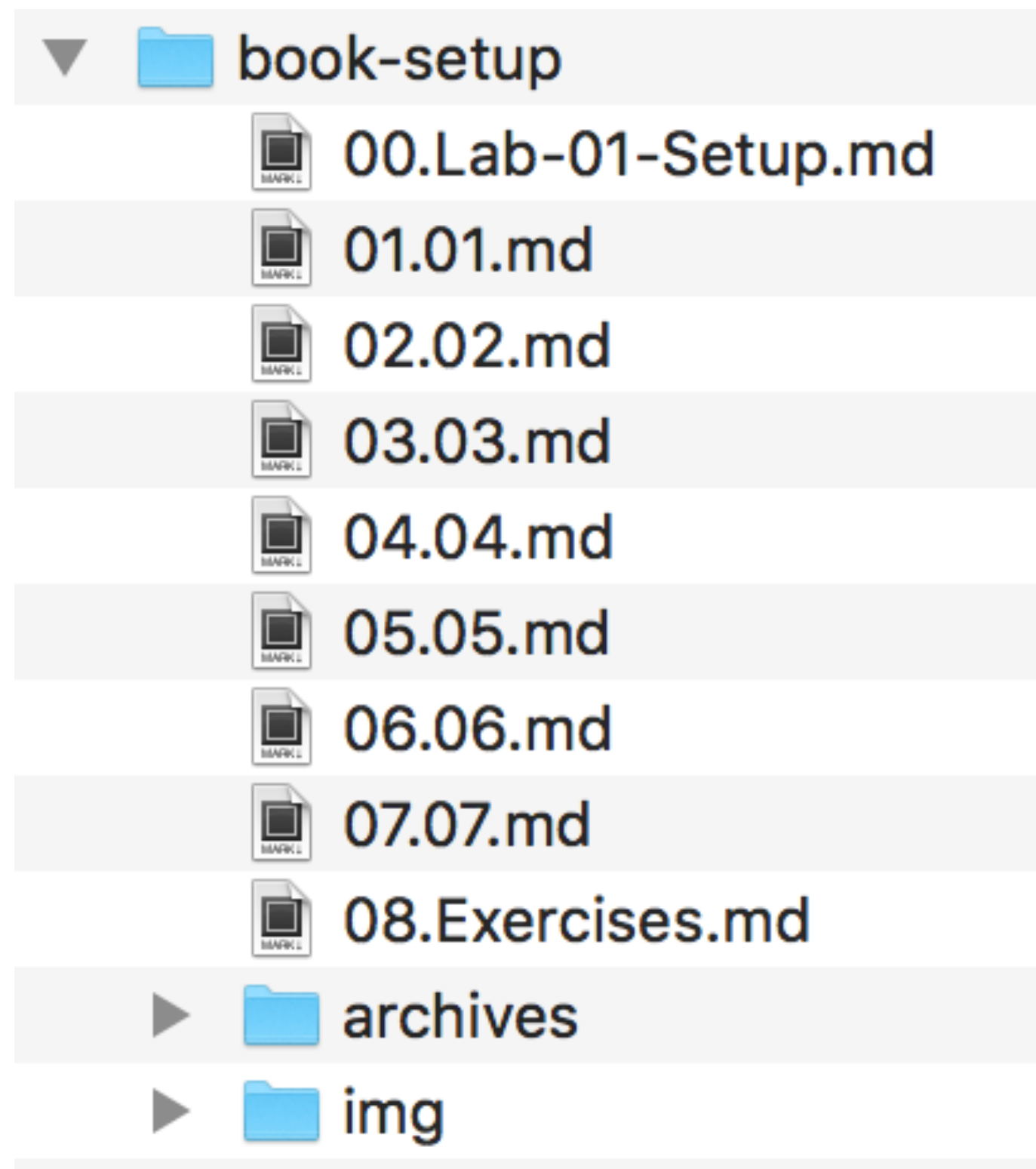




Labs

# lab structure



# one *md* file per step

The screenshot shows a web browser window with the address bar displaying 'index.html#/03'. The page content is as follows:

File | file:///Users/edelestar/repos/tools/tutors-starter/public-site-uk/topic-02-varied/book-a/index.html#/03

Varied | Lab-02 | 01 | 02 | 03 | 04 | Exercises

### Links and Code Blocks

You can inert links in bullet points:

- <http://github.com>
- <http://bitbucket.dom>

You can also insert links to other steps:

- [Step 01](#)
- [Step 02](#)
- [Step 03](#)
- [Step 04](#)

More Code Block examples

```
publish(path, course) {
  const basePath = '../' + path + '/' + this.folder;
  futils.initEmptyPath(basePath);

  this.resources = this.talks.concat(this.labs);
  futils.copyFileToFolder(this.img, basePath);
  futils.writeFile(basePath + '/index.html', nunjucks.render('topic.html', this));

  futils.writeFile(basePath + '/ajaxlabel.html',
    nunjucks.render('ajaxlabel.html',
      { url: this.url.substring(5) + '/' + this.folder }));
  futils.writeFile(basePath + '/indexmoodle.html', nunjucks.render('indexmoodle.html', this));

  console.log(this.title);
  this.publishTalks(basePath);
  this.publishLabs(basePath, course);
}
```

This was autodetected as javascript. This one is html:

```
<div class="ui segment pushable">
  <div class="ui inverted labeled icon left inline vertical sidebar menu">
    {% for resource in course.allLabs.resources %}
```

# markdown

a web (and user) friendly format for  
composing digital content

text formatting

image

links

syntax highlighting

# Heading 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

## Heading 2

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### Heading 3

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# headings

## **Heading 1**

---

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## **Heading 2**

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## **Heading 3**

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# lists

Sometimes you want numbered lists:

1. One
2. Two
3. Three

Sometimes you want bullet points:

- \* Start a line with a star
- \* Profit!

Alternatively,

- Dashes work just as well
- And if you have sub points, put two spaces before the dash or star:
  - Like this
  - And this

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- Dashes work just as well
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# links

It's very easy to make some words **bold** and other words *italic* with Markdown.

You can even [insert a link](http://google.com)

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- [Bitbucket](http://bitbucket.com)
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- [Step 01](#/01)
- [Step 02](#/02)
- [Step 03](#/03)
- [Step 04](#/04)

- [Step 01](#)
- [Step 02](#)
- [Step 03](#)
- [Step 04](#)

# images

# Images

Image without a title:



Image with a title:

![Suspension Bridge](img/03.jpg)

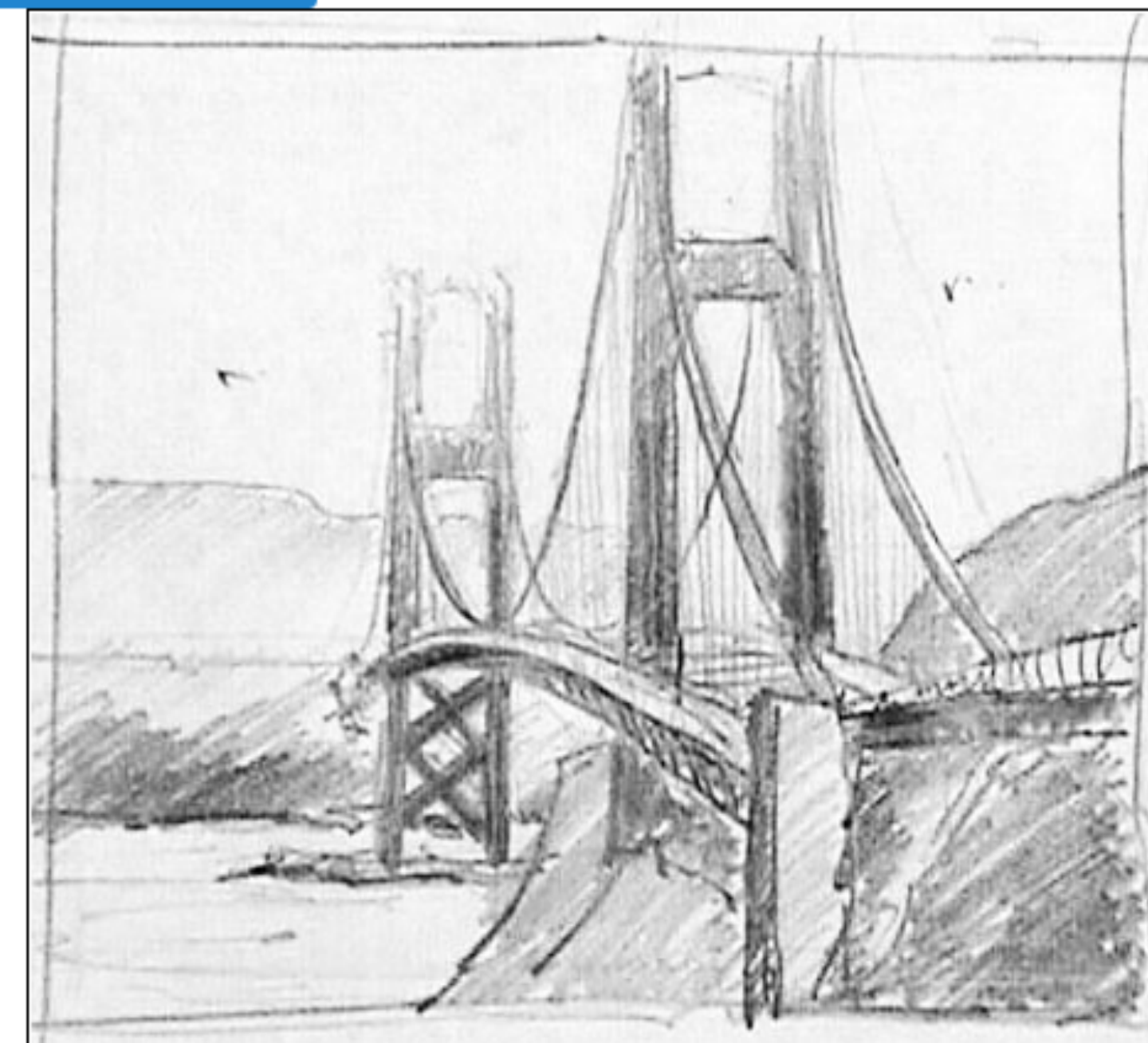
## Images

Image without a title:



Image with a title:

Suspension Bridge



# syntax highlighting

This should appear like this in your lab:

```
~~~
public class HelloWorld {
    public static void main(String[] args) {
        // Prints "Hello, World" to the terminal window.
        System.out.println("Hello, World");
    }
}
~~~
```

This should appear like this in your lab:

```
public class HelloWorld {
    public static void main(String[] args) {
        // Prints "Hello, World" to the terminal window.
        System.out.println("Hello, World");
    }
}
```

Another example:

```
~~~
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>My test page</title>
  </head>
  <body>
    <p>This is my page</p>
  </body>
</html>
~~~
```

Another example:

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<html>
  <head>
    <meta charset="utf-8">
    <title>My test page</title>
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  <body>
    <p>This is my page</p>
  </body>
</html>
```

Take the above code into your lab...



# MARKDOWN SYNTAX



**Markdown** is a way to style text on the web. You control the display of the document; formatting words as bold or italic, adding images, and creating lists are just a few of the things we can do with Markdown. Mostly, Markdown is just regular text with a few non-alphabetic characters thrown in, like # or \*.

## HEADERS

```
# This is an <h1> tag
## This is an <h2> tag
##### This is an <h6> tag
```

## EMPHASIS

```
*This text will be italic*
_This will also be italic_

**This text will be bold**
__This will also be bold__

*You can combine them*
```

## BLOCKQUOTES

```
As Grace Hopper said:

> I've always been more interested
> in the future than in the past.

As Grace Hopper said:

| I've always been more interested
| in the future than in the past.
```

## LISTS

### Unordered

```
* Item 1
* Item 2
  * Item 2a
  * Item 2b
```

### Ordered

```
1. Item 1
2. Item 2
3. Item 3
  * Item 3a
  * Item 3b
```

## IMAGES

```
![GitHub Logo](/images/logo.png)

Format: ![Alt Text](url)
```

## LINKS

```
http://github.com - automatic!

[GitHub](http://github.com)
```

## BACKSLASH ESCAPES

Markdown allows you to use backslash escapes to generate literal characters which would otherwise have special meaning in Markdown's formatting syntax.

```
\*literal asterisks\*

*literal asterisks*
```

Markdown provides backslash escapes for the following characters:

\ backslash	() parentheses
` backtick	# hash mark
* asterisk	+ plus sign
_ underscore	- minus sign (hyphen)
{ curly braces	. dot
[] square brackets	! exclamation mark

<https://guides.github.com/pdfs/markdown-cheatsheet-online.pdf>