GitHub Website Hosting

GitHub offers free website hosting. For anyone already familiar with GitHub, the feature is simple to use. Here's an example: Vinay Somawat's Github username is `vinaysomawat`. His GitHub repositories are hosted on:
https://github.com/vinaysomawat

Among Vinay's repositories is one named `vinaysomawat.github.io`:
https://github.com/vinaysomawat/vinaysomawat.github.io

Notice how this particular repository is named using an account name (vinaysomawat) with `.github.io` appended to it. If you create a new repository for yourself using this naming convention, it's automatically hosted on a sub-domain of `github.io`. Of course, the repository must contain a website with a file named `index.html` for its landing page. In Vinays's case, you can view his website here:
http://vinaysomawat.github.io/

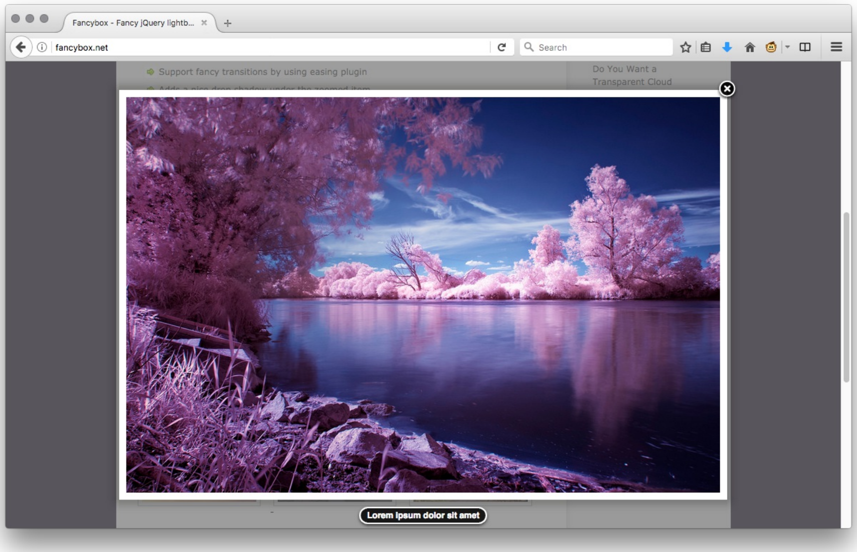
Your lecturer/tutor will run through setting up GitHub hosting for your portfolio website. For more information, you can refer to the GitHub pages documentation:

https://pages.github.com/

Note that the first time you push the changes, it may take a while before you see the actual website (you will get a 404 error instead). Just force-refresh your browser (Ctrl+R or Cmd+R) every 5 minutes until it appears. Also, *do not make the repository private*.

Lightbox Galleries

If you are looking to integrate common JavaScript features in your website, chances are somebody has already written some code for you. 'Lightbox'-type galleries are a popular example -- Fancybox being one of the better options:


Fancybox - Fancy jQuery lightb...
fancybox.net
Search
Support fancy transitions by using easing plugin
Do You Want a
Transparent Cloud
Lorem ipsum dolor sit amet

The workshop files include some images to setup an example gallery. For each image there is both a thumbnail/small (small_1.jpg, ...) and large version (big_1.jpg, ...).

Create a new directory in your `289.101` repository named "fancybox". Copy the lightbox gallery image files into this and create a new `index.html` file.

From here your lecturer/tutor will run through setting up the gallery. If you miss this lesson or need more information, refer to the fancybox documentation:

http://fancyapps.com/fancybox/3/

Smooth Scrolling

One-page websites are a popular design choice. Rather than linking together various HTML documents, these jump to different scroll-positions.

Create a new file in your 289.101 repository named "smooth-scoll.html". Add the following code to it:

```
<!DOCTYPE html>

<html>
  <head>
    <title>Smooth Scrolling</title>
  </head>

  <body>
    <div id="nav">
      <a href="#bad">badminton</a>
      <a href="#cri">cricket</a>
      <a href="#rug">rugby</a>
      <a href="#ten">tennis</a>
    </div>

    <h1 id="bad">badminton</h1>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
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    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>

    <h1 id="cri">cricket</h1>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
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    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>
    blah<br/> blah<br/> blah<br/> blah<br/>

    <h1 id="rug">rugby</h1>
    blah<br/> blah<br/> blah<br/> blah<br/>
    ...

    <h1 id="ten">tennis</h1>
    blah<br/> blah<br/> blah<br/> blah<br/>
    ...
```
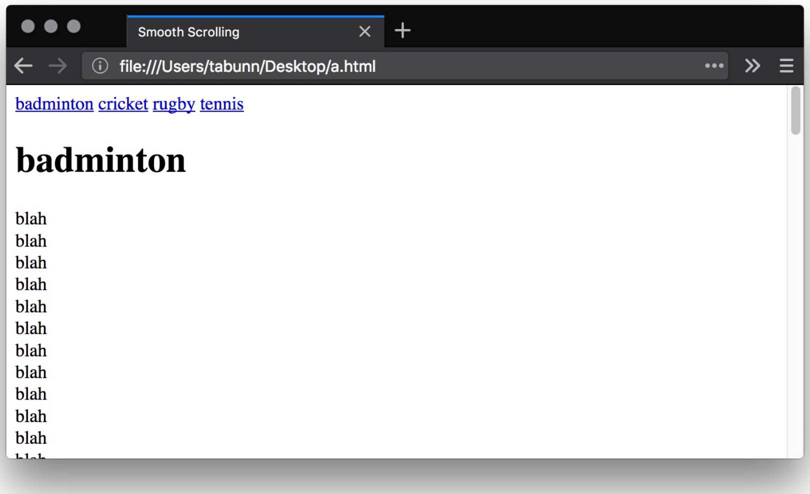



badminton cricket rugby tennis

badminton

blah
blah
blah
blah
blah
blah
blah
blah
blah
blah
blah

Note how the `href` attributes each contain a # character. The `href="#bad"` link to the element with an `id="bad"`; the `href="#cri"` links to the element with an `id="cri"`; and so forth. Save and test.

You will notice that there is a 'hard' jump to each section. To smooth things out, add the following CSS:

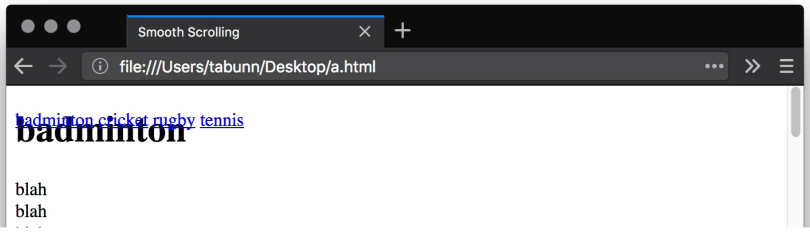
```
<!DOCTYPE html>


<html>
  <head>
    <title>Smooth Scrolling</title>
    <style>
      html, body {
        scroll-behavior: smooth;
      }
    </style>
  ...
```

To have the navigation remain fixed to the top of the page, use this CSS:

```
    ...
    <style>
      html, body {
        scroll-behavior: smooth;
      }
      #nav {
        position: fixed;
      }
    </style>
```

```
...
```

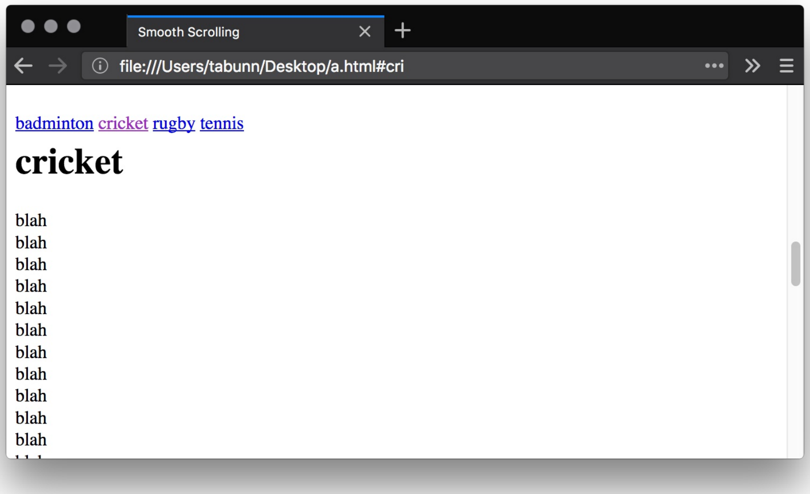
Save and test. The navigation will now remain fixed to the top of the page, but things will look overlapped.


Smooth Scrolling
file:///Users/tabunn/Desktop/a.html
badminton cricket rugby tennis
badminton
blah
blah

Refine the styling:

```
  ...
  <style>
    html, body {
      scroll-behavior: smooth;
    }
    #nav {
      background-color: white;
      height:25px;
      padding-top: 25px;
      position: fixed;
      top: 0;
    }
    h1 {
      /* offset to accommodate fixed nav */
      padding-top: 50px;
    }
  </style>
...
```

Save and test. Here is the page with the cricket section selected:



badminton cricket rugby tennis

cricket

blah
blah
blah
blah
blah
blah
blah
blah
blah
blah
blah

end