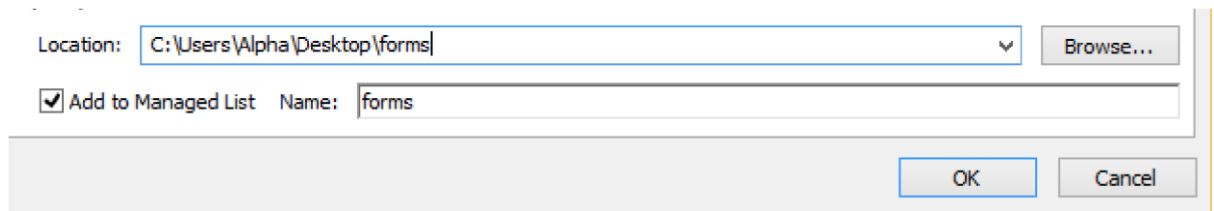


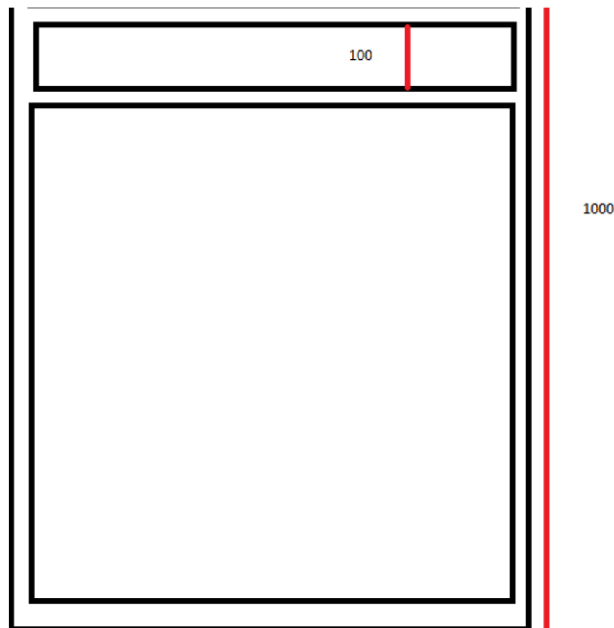
Tutorial

Forms

So start a new web site



-
- Rename to index.html
- Create the following layout



-
- Skeleton first

```
14 <body>
15   <div id="dPage">
16     <div id="dHeader"></div><!-- eo dHeader -->
17     <div id="dNav"></div><!-- eo dNav -->
18     <div id="dContent"></div><!-- eo dContent -->
19   </div><!-- eo dPage -->
20 </body>
21
```

-
- Style it up, one style at a time and test

- ```

5 <meta content="text/html; charset=utf-8" http-equiv="Content-Type">
6 <style type="text/css">
7 #dPage{width:1000px; height:1000px; background-color:lime; margin:0 auto;}
8 #dHeader{width:1000px; height:100px; background-color:silver;}
9 #dNav{width:1000px; height:100px; background-color:#0066FF;}
10 #dContent{width:1000px; height:800px; background-color:#999999;}
11 </style>
12 </head>
13

```

- Produces



- 

- Create a nav link pointing back to the index.html page. Style it up
- Apply a h1 header to the page and style it up

- ```

18 <body>
19   <div id="dPage">
20     <div id="dHeader">
21       <h1>Forms</h1>
22     </div><!-- eo dHeader -->
23     <div id="dNav">
24       <a href="index.html">Home</a>
25     </div><!-- eo dNav -->
26     <div id="dContent"></div><!-- eo dContent -->
27   </div><!-- eo dPage -->
28 </body>
29

```
- ```

5 <meta content="text/html; charset=utf-8" http-equiv="Content-Type">
6 <style type="text/css">
7 #dPage{width:1000px; height:1000px; background-color:lime; margin:0 auto;}
8 #dHeader{width:1000px; height:100px; background-color:silver;}
9 #dNav{width:1000px; height:80px; background-color:#0066FF; padding-top:20px;}
10 #dContent{width:1000px; height:800px; background-color:#999999;}
11
12 h1{font-size:100px;}
13 #dNav a{font-size:60px; padding-left:150px;color:white; text-decoration:none;}
14 #dNav a:hover{color:#FFCC00;}
15 </style>
16 </head>
17

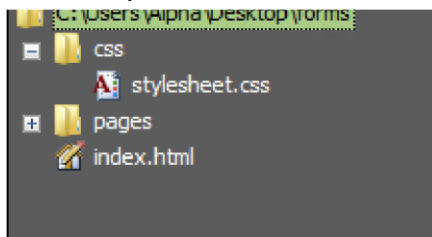
```

- 

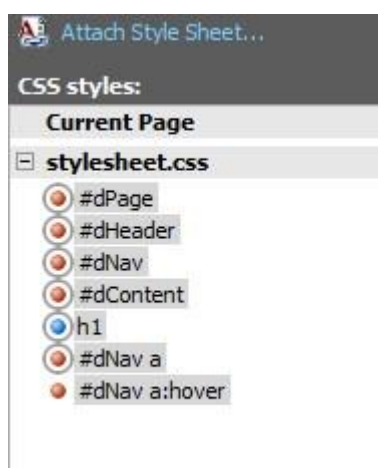
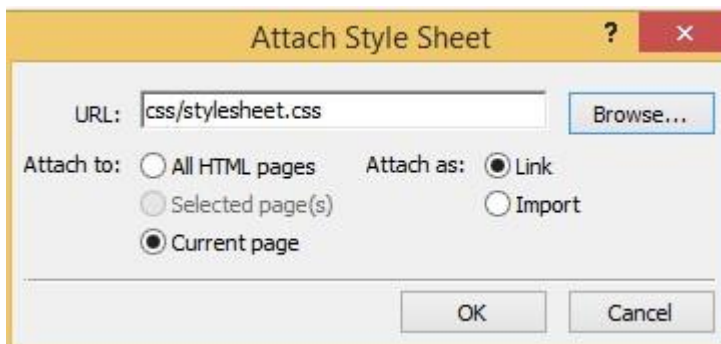
- Produces



- 
- Create subfolders called css and pages.
- Then a stylesheet.css file in the css folder.



- 
- Attach the stylesheet to the index page and move over the styles



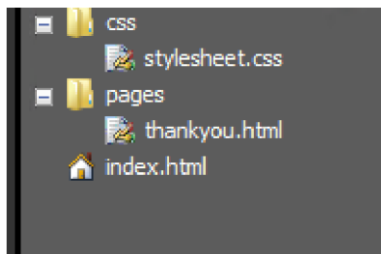
- 
- Your index page should look like this

```

5 <meta content="text/html; charset=utf-8" http-equiv="Content-Type">
6 <style type="text/css">
7 </style>
8 <link href="css/stylesheets.css" rel="stylesheet" type="text/css">
9 </head>
10
11 <body>
12 <div id="dPage">
13 <div id="dHeader">
14 <h1>Forms</h1>
15 </div><!-- eo dHeader -->
16 <div id="dNav">
17 Home
18 </div><!-- eo dNav -->
19 <div id="dContent"></div><!-- eo dContent -->
20 </div><!-- eo dPage -->
21 </body>
22
23 </html>
24

```

- Create a page in the pages folder called thankyou.html. Do a file save as on the index to make it nice and easy



- So, now we have our destination page. Let's build the form.
- We start with the form box
 

```

<div id="dContent">
 <form method="post" action="pages/thankyou.html">
 </form>
 </div><!-- eo dContent -->
</div><!-- eo dPage -->

```
- Method contains 2 possibilities.
  - Post : entered information goes into the computer's memory and is not visible to the end user
  - Get: entered information gets written into the address bar, so it is visible

- ```

<div id="dContent">
  <form method="post" action="pages/thankyou.html">
    </form>
  </div><!-- eo dContent -->
</div><!-- eo dPage -->

```

- Action is where you want the page to go to after the submit button has been pushed.

- Now, we ask the user for some simple information.

- ```

<form method="post" action="pages/thankyou.html">
 <label id="Label1">First Name:</label><input name="fName" type="text" />

 <label id="Label1">Last Name:</label><input name="lName" type="text" />

 <label id="Label1">Email:</label><input name="email" type="email" />

 <label id="Label1">Phone:</label><input name="phone" type="text" />

 </form>
</div><!-- eo dContent -->

```

- Save and see what it looks like

The screenshot shows a web page with a grey header containing the word 'Forms' in large black letters. Below the header is a blue bar with the word 'Home' in white. The main content area is grey and contains a form with four labels and input fields: 'First Name:', 'Last Name:', 'Email:', and 'Phone:'. Each label is followed by a white input field.

- Add some more questions for the end user

```

20 <form method="post" action="pages/thankyou.html">
21 <label id="Label1">First Name:</label><input name="fName" type="text" />

22 <label id="Label1">Last Name:</label><input name="lName" type="text" />

23 <label id="Label1">Email:</label><input name="email" type="email" />

24 <label id="Label1">Phone:</label><input name="phone" type="text" />

25 <label id="Label1">Address:</label>
<textarea name="TextArea1" style="width:500px; height:200px;">
26 </textarea>
27 </form>

```

- Produces

The screenshot shows the updated web page. It has the same grey header with 'Forms' and blue bar with 'Home'. The form now includes an additional label and input field: 'Address:' followed by a large white text area with a vertical scrollbar on the right side.

- Remember this is all occurring on the index page.
- Now let's add some radio buttons and check boxes

```

<label id="Label1">Email:</label><input name="email" type="email" />

<label id="Label1">Phone:</label><input name="phone" type="text" />

<label id="Label1">Address:</label>
<textarea name="TextArea1" style="width:500px; height:200px;">
/textarea>

<label id="Label1">Gender:</label>

<label id="Label2">Male</label><input name="Radio1" type="radio" />

<label id="Label2">Female</label><input name="Radio1" type="radio" />

<label id="Label1">Favourite TV Show (Select Multiples if needed):</label>

<label id="Label2">Fringe</label><input name="Checkbox1" type="checkbox" />

<label id="Label2">Grimm</label><input name="Checkbox1" type="checkbox" />

<label id="Label2">Arrow</label><input name="Checkbox1" type="checkbox" />

<label id="Label2">Marvel Agents of Shield</label><input name="Checkbox1" type="checkbox" />

<label id="Label2">The Tomorrow People</label><input name="Checkbox1" type="checkbox" />

<label id="Label2">Dr Who</label><input name="Checkbox1" type="checkbox" />

<label id="Label2">Sherlock</label><input name="Checkbox1" type="checkbox" />

</form>

```

- |

- And finally we need to add a submit button

The screenshot shows a web browser window with the address bar displaying 'dex.html' and the file path 'C:\Users\Alpha\Desktop\fo...'. The page has a grey background with a blue header bar containing the text 'Forms Home'. Below the header, the form is displayed with the following elements:

- First Name:
- Last Name:
- Email:
- Phone:
- Address:
- Gender:
  - Male ☐
  - Female ☐
- Favourite TV Show (Select Multiples if needed):
  - Fringe ☐
  - Grimm ☐
  - Arrow ☐
  - Marvel Agents of Shield ☐
  - The Tomorrow People ☐
  - Dr Who ☐
  - Sherlock ☐
- Submit Information

- ```

<label id="Label2">Sherlock</label><input name="Checkbox1" type="checkbox" /><br>
<br><br>
<input name="Submit1" type="submit" value="Submit Information" />
</form>

```

- Save and test

-

- Add a little bit of styles to the form

```

5 <meta content= "text/html"; charset=utf-8 http-equiv= content-type >
6 <style type="text/css">
7     #Label1{font-size:20px; color:white;}
8     #Label2{font-size:16px; color:#FFFFCC; padding-left:50px;}
9     label{ margin-left:100px;}
10    textarea{margin-left:120px;}
11    input{background-color:#CCFFCC; margin-left:50px;}
12 </style>
13 <link href="css/stylesheet.css" rel="stylesheet" type="text/css">
14 </head>

```

-

Home

First Name:

Last Name:

Email:

Phone:

Address:

Gender:
Male ☒
Female ☐

Favourite TV Show (Select Multiples if needed):

Fringe	<input type="checkbox"/>
Grimm	<input type="checkbox"/>
Arrow	<input type="checkbox"/>
Marvel Agents of Shield	<input type="checkbox"/>
The Tomorrow People	<input type="checkbox"/>
Dr Who	<input type="checkbox"/>
Sherlock	<input type="checkbox"/>

-

- From here test the page out, fill in the details and hit submit

- Once you hit submit it should take you to the `thankyou.html` page, and you should see nothing as we are using post.

Forms

Home

```

1 <!DOCTYPE html>
2 <html>
3
4 <head>
5 <meta content="text/html; charset=utf-8" http-equiv="Content-Type">
6   <style type="text/css">
7     </style>
8 <link href="../../css/stylesheet.css" rel="stylesheet" type="text/css"
9 </head>
10
11 <body>
12   <div id="dPage">
13     <div id="dHeader">
14       <h1>Forms</h1>
15     </div><!-- eo dHeader -->
16     <div id="dNav">
17       <a href="../../index.html">Home</a>
18     </div><!-- eo dNav -->
19     <div id="dContent">
20       <br><h2>Thank you, your message has been sent</h2>
21     </div><!-- eo dContent -->
22   </div><!-- eo dPage -->
23 </body>
24
25 </html>
</div><!-- eo dNav -->
<div id="dContent">
  <form method="get" action="pages/thankyou.html">
    <label id="Label1">First Name:</label><input name="fName"
    <label id="Label1">Last Name:</label><input name="lName"
    <label id="Label1">Email:</label><input name="email" typ
    <label id="Label1">Phone:</label><input name="phone" typ

```

- Go back to the index page code, change the method to get, and throw in a h2 saying thank you your message has been sent on the `thankyou` page.

-

-

HOME

First Name:

Last Name:

Email:

Phone:

Address:

555 My Street,
My Town,
My State
My postcode

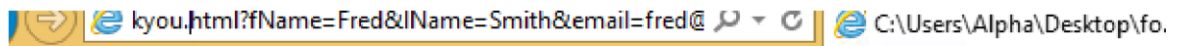
Gender:
☒ Male
☐ Female

Favourite TV Show (Select Multiples if needed):

Fringe	<input checked="" type="checkbox"/>
Grimm	<input type="checkbox"/>
Arrow	<input checked="" type="checkbox"/>
Marvel Agents of Shield	<input type="checkbox"/>
The Tomorrow People	<input checked="" type="checkbox"/>
Dr Who	<input type="checkbox"/>
Sherlock	<input type="checkbox"/>

- Now save and re-run the page

-
- Hit submit
- And take a look at the address bar



Forms

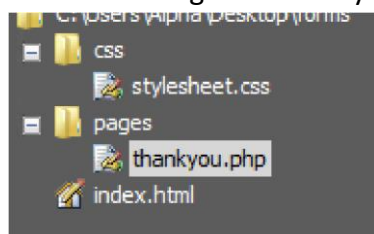
-
- All of the information has been parsed into that area.
- For the purpose of the assessment, it is enough to simulate a working form, as you won't be running your assessment on a server for submission. If you wanted to test it when you put your files up on the server for publishing, you would re-write the thank you page with some php.
- So we'll strip the index page down to just a couple of entries

```

Site View  |  thankyou.html*  |  stylesheet.css  |  index.html x
|  <body>  |  <div #dPage>  |  <div #dHeader>
|
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5 <meta content="text/html; charset=utf-8" http-equiv="Content-Type">
6   <style type="text/css">
7     #Label1{font-size:20px; color:white;}
8     #Label2{font-size:16px; color:#FFFFCC; padding-left:50px;}
9     label{ margin-left:100px;}
10    textarea{margin-left:120px;}
11    input{background-color:#CCFFCC; margin-left:150px;}
12  </style>
13  <link href="css/stylesheet.css" rel="stylesheet" type="text/css">
14 </head>
15
16 <body>
17   <div id="dPage">
18     <div id="dHeader">
19       <h1>Forms</h1>
20     </div><!-- eo dHeader -->
21     <div id="dNav">
22       <a href="index.html">Home</a>
23     </div><!-- eo dNav -->
24     <div id="dContent">
25       <form method="get" action="pages/thankyou.html">
26         <label id="Label1">First Name:</label><input name="fName" type="text" /><br>
27         <label id="Label1">Last Name:</label><input name="lName" type="text" /><br>
28         <label id="Label1">Email:</label><input name="email" type="email" /><br>
29         <input name="Submit1" type="submit" value="Submit Information" />
30       </form>
31     </div><!-- eo dContent -->
32   </div><!-- eo dPage -->
33 </body>
34
35

```

-
- Then we change the thankyou.html to html.php



-
- Change the method to post


```

<div id="dContent">
  <form method="get" action="pages/thankyou.php">
    <label id="Label1">First Name:</label><input name="fNa

```
- And now we modify the thankyou page

```

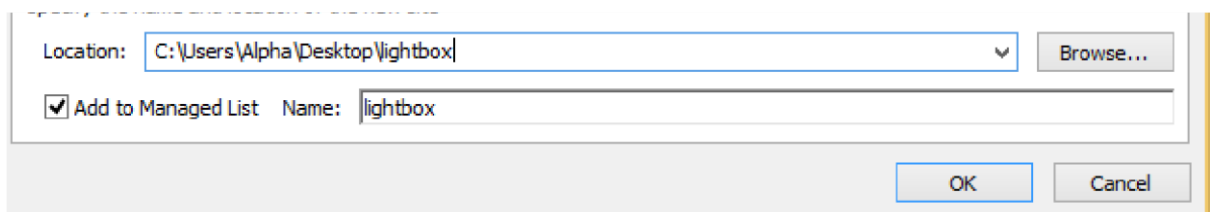
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5 <meta content="text/html; charset=utf-8" http-equiv="Content-Type">
6 <style type="text/css">
7 </style>
8 <link href="../../css/stylesheets.css" rel="stylesheet" type="text/css">
9 </head>
10 <?php
11     $fname = $_POST['fname'];
12     $lname = $_POST['lname'];
13     $email = $_POST['email'];
14     $sendto = 'seancostain@student-parters.com.au';
15
16     $message = $fname.' '.$lname.' '.$email;
17     $sendit = mail($sendto,'Website Form',$message);
18
19     if ($sendit)
20         echo '<h2>Your message has been sent, Thank you.</h2>';
21     else
22         echo '<h2>There has been an issue with sending your message, please use the email address listed and submit
23 via your email application.</h2>';
24
25 ?>
26 <body>

```

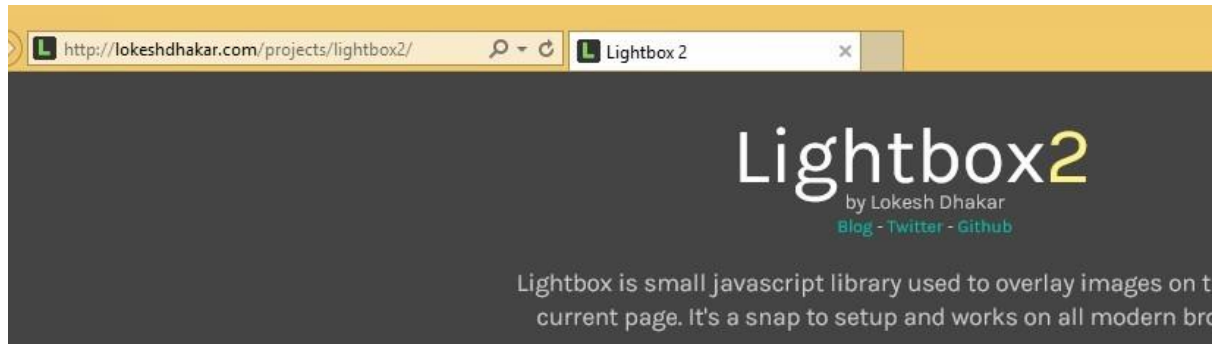
-
- So what this does is the vars \$fname, \$lname and \$email collect the information, the \$message amalgamates the information into a single variable and then we use the mail() command to send the message.
- Now the result of the send goes into the \$sendit variable, if it worked the then end user is told that it worked, if not then the system tells the end user that it didn't work.
- Php will only work on a server which runs php.

Lightbox

- Start a new website.



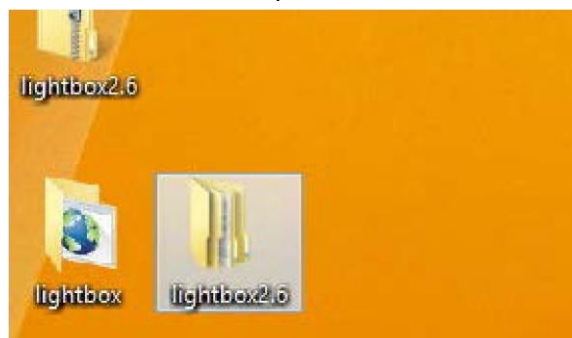
-
- Rename the file
- Now head off to the following website and down light the jquery lightbox.



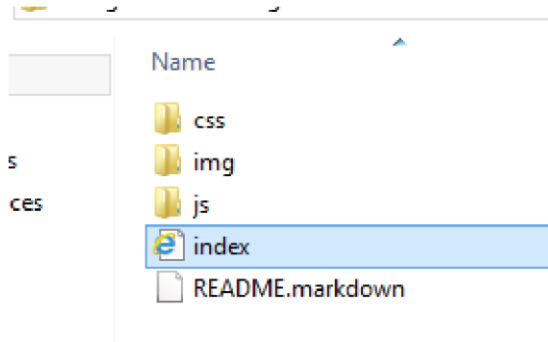
- Download link



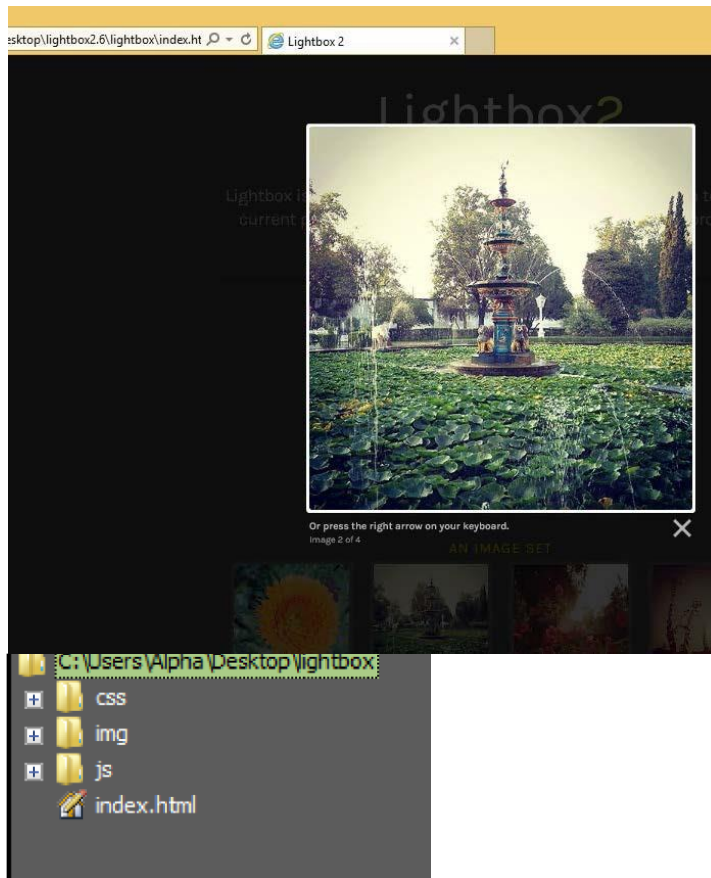
- Save it to the desktop and extract



- Go inside folder and doubleclick the index page



- Once the page has loaded test it by clicking on the images.



- Copy the css, img and js folders into your website

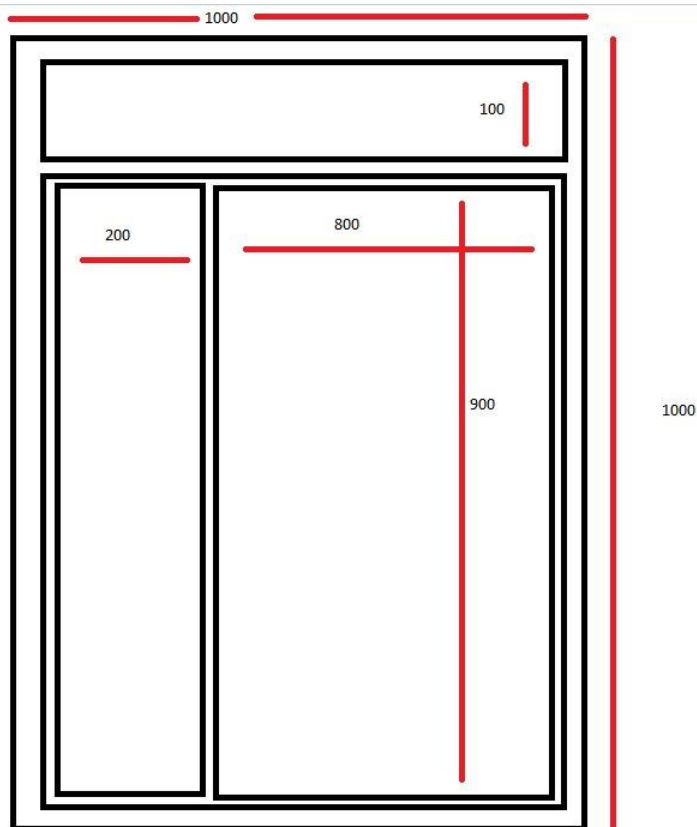
- Drag the index.html from the lightbox folder into expression so you have 2 index.html pages open, one is yours and the other is the example.

```

1 <!DOCTYPE html>
2 <html lang="en-us">
3 <head>
4   <meta charset="utf-8">
5
6   <title>Lightbox 2</title>
7
8   <meta name="description" lang="en" content="L
9   a snap to setup and works on all modern browsers.
10  <meta name="author" content="Lokesh Dhakar">
11  <meta name="viewport" content="width=device-w

```

- Now we copy code from the index page to your page.
- First though let's make a simple design for our index page.



-

```

14
15 <body>
16     <div id="dPage">
17         <div id="dHeader"></div><!-- eo dHeader -->
18         <div id="dBody">
19             <div id="dNav"></div><!-- eo dNav -->
20             <div id="dContent"></div><!-- eo dContent -->
21         </div><!-- eo dBody -->
22     </div><!-- eo dPage -->
23 </body>
24

```

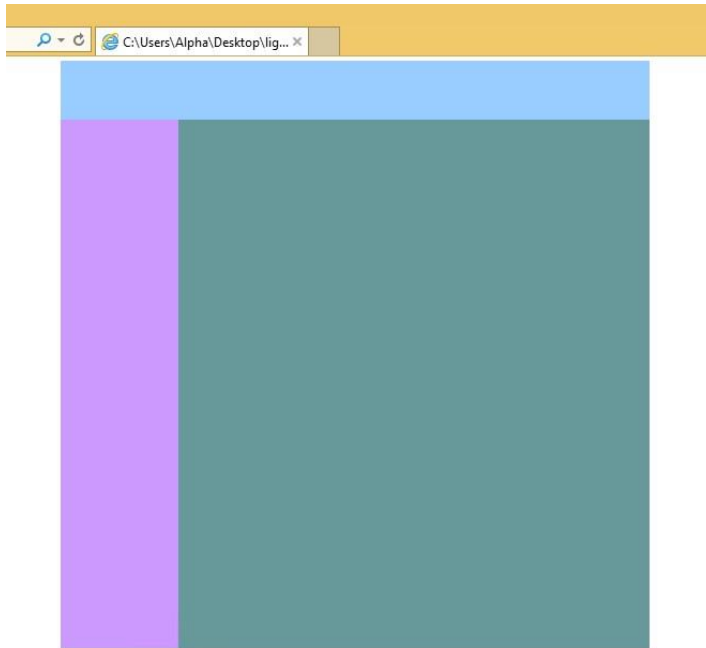
-

```

4 <head>
5 <meta content="text/html; charset=utf-8" http-equiv="Content-Type">
6 <style type="text/css">
7     #dPage{ width:1000px; height:1000px; background-color:lime; margin:0 auto;}
8     #dHeader{width:1000px; height:100px; background-color:#99CCFF;}
9     #dBody{ width:1000px; height:900px; background-color:#FFCC66;}
10    #dNav{width:200px; height:900px; background-color:#CC99FF; float:left;}
11    #dContent{width:800px; height:900px; background-color:#669999; float:right;}
12 </style>
13 </head>

```

- Produces



-
- Now let's some moving some code
- When dealing with grabbing code, you need to

take the stylesheets, Javascript and the code used to make it run. So the first thing we will do is link up the stylesheet

- This is in the example

```

1  <meta name="author" content="Loreen Birkner" />
2  <meta name="viewport" content="width=device-width,initial-scale=1">
3
4  <script src="js/modernizr.custom.js"></script>
5
6  <link rel="shortcut icon" href="img/demopage/favicon.ico">
7  <link rel="stylesheet" href="http://fonts.googleapis.com/css?family=Karla:400,700">
8  <link rel="stylesheet" href="css/screen.css" media="screen"/>
9  <link rel="stylesheet" href="css/lightbox.css" media="screen"/>
10 </head>
11 <body>

```

- We only need the lightbox.css command, so let's copy that to our page

```

7  #dPage{ width:1000px;height:1000px; background-color:lime; margin:0 auto;}
8  #dHeader{width:1000px; height:100px; background-color:#99CCFF;}
9  #dBody{ width:1000px; height:900px; background-color:#FFCC66;}
10 #dNav{width:200px; height:900px; background-color:#CC99FF; float:left;}
11 #dContent{width:800px; height:900px; background-color:#669999; float:right;}
12 </style>
13 <link rel="stylesheet" href="css/lightbox.css" media="screen"/>
14

```

- Now for the javascript, the javascript is stored at the bottom of the page so scroll down there to find it

- ```

160
161 <script src="js/jquery-1.10.2.min.js"></script>
162 <script src="js/lightbox-2.6.min.js"></script>
163
164 <script>
165 var _gaq = _gaq || [];
166 _gaq.push(['_setAccount', 'UA-2196019-1']);
167 _gaq.push(['_trackPageview']);
168
169 (function() {
170 var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
171 ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-
analytics.com/ga.js';
172 var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
173 })();
174 </script>
175

```

- So, reading this we have a link to the jquery.js file and the lightbox.js file. The other piece of code is the google analytics code used for tracking information about your site.

- So let's take the only 2 lines we need

- ```

4 <head>
5 <meta content="text/html; charset=utf-8" http-equiv="Content-Type">
6 <style type="text/css">
7     #dPage{ width:1000px; height:1000px; background-color:lime; margin:0 auto;}
8     #dHeader{width:1000px; height:100px; background-color:#99CCFF;}
9     #dBody{ width:1000px; height:900px; background-color:#FFCC66;}
10    #dNav{width:200px; height:900px; background-color:#CC99FF; float:left;}
11    #dContent{width:800px; height:900px; background-color:#669999; float:right;}
12 </style>
13 <link rel="stylesheet" href="css/lightbox.css" media="screen"/>
14
15 </head>
16
17 <body>
18     <div id="dPage">
19         <div id="dHeader"></div><!-- eo dHeader -->
20         <div id="dBody">
21             <div id="dNav"></div><!-- eo dNav -->
22             <div id="dContent"></div><!-- eo dContent -->
23         </div><!-- eo dBody -->
24     </div><!-- eo dPage -->
25     <script src="js/jquery-1.10.2.min.js"></script>
26     <script src="js/lightbox-2.6.min.js"></script>
27 </body>
28
29 </html>

```

- Now we need the code to activate the lightbox, so let's start with the single images first

- ```

43 <h3>Single Images</h3>
44 <div class="image-row">
45
46 <a class="example-image-link" href="img/demopage/image-2.jpg" data-lightbox="example-2" title="Optional
caption.">
47 </div>

```

- Let's just take all of that code and test our page

```

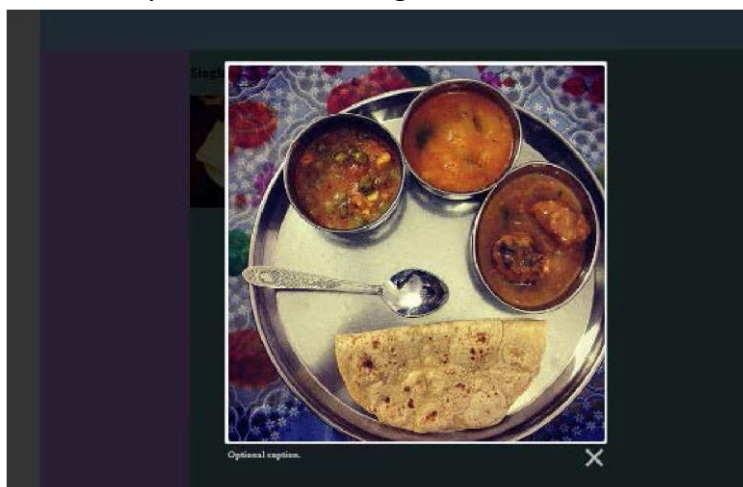
20 <div id="dBody">
21 <div id="dNav"></div><!-- eo dNav -->
22 <div id="dContent">
23 <h3>Single images</h3>
24 <div class="image-row">
25
26 <a class="example-image-link" href="img/demopage/image-2.jpg" data-lightbox="example-2" title="Optional
caption.">
27 </div>
28 </div><!-- eo dContent -->
29 </div><!-- eo dBody -->
30 </div><!-- eo dPage -->
31 <script src="js/jquery-1.10.2.min.js"></script>
32 <script src="js/lightbox-2.6.min.js"></script>
33 </body>

```

- You should see



- And when you click on an image



- So there you have it, single image lightboxes working.
- Now copy over the multiple image code

- ```

48     <h3 style="clear: both;">An image set</h3>
49
50     <div class="image-row">
51         <div class="image-set">
52             <a class="example-image-link" href="img/demopage/image-3.jpg" data-lightbox="example-set" title="Click
53 on the right side of the image to move forward."></a>
54             <a class="example-image-link" href="img/demopage/image-4.jpg" data-lightbox="example-set" title="Or
press the right arrow on your keyboard."></a>
55             <a class="example-image-link" href="img/demopage/image-5.jpg" data-lightbox="example-set" title="The
script preloads the next image in the set as you're viewing."></a>
56             <a class="example-image-link" href="img/demopage/image-6.jpg" data-lightbox="example-set" title="Click
anywhere outside the image or the X to the right to close."></a>
57         </div>
58     </div>

```

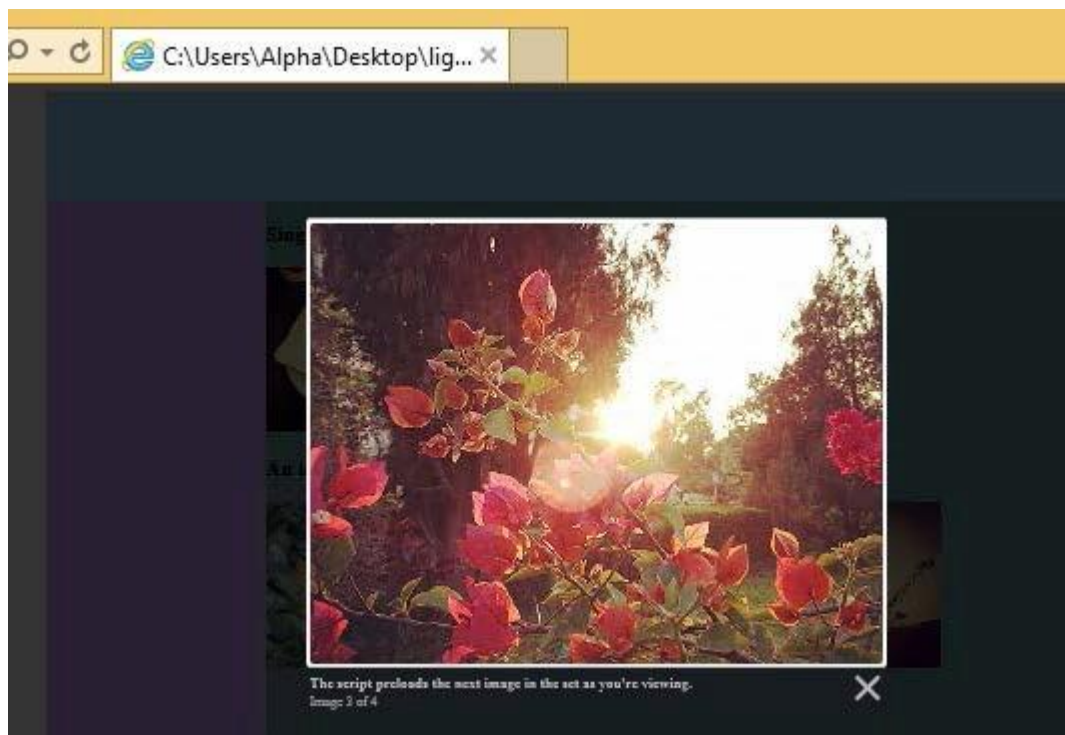
- Your index page should look a like this:

- ```

26
27 <a class="example-image-link" href="img/demopage/image-2.jpg" data-lightbox="example-2" title="Optional
caption.">
28 </div>
29 <h3 style="clear: both;">An image set</h3>
30
31 <div class="image-row">
32 <div class="image-set">
33 <a class="example-image-link" href="img/demopage/image-3.jpg" data-lightbox="example-set" title="Click
on the right side of the image to move forward.">
34 <a class="example-image-link" href="img/demopage/image-4.jpg" data-lightbox="example-set" title="Or
press the right arrow on your keyboard.">
35 <a class="example-image-link" href="img/demopage/image-5.jpg" data-lightbox="example-set" title="The
script preloads the next image in the set as you're viewing.">
36 <a class="example-image-link" href="img/demopage/image-6.jpg" data-lightbox="example-set" title="Click
anywhere outside the image or the X to the right to close.">
37 </div>
38 </div>
39 </div><!-- eo dContent -->
40 </div><!-- eo dBody -->

```

- Run it up and test
- This should now work



- So make more than one group in the set, just change the name in the data-lightbox="" section