

# Lists, Links, and Images: Bonus Fun Exercise!

In this lesson, we will have fun with a bonus exercise on lists, links, and images.

## WE'LL COVER THE FOLLOWING



- EXERCISE 2-17: Displaying images with full size
  - Step 1:
  - Step 2:
  - Step 3:
  - Step 4:
- Complete implementation below!

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## EXERCISE 2-17: Displaying images with full size

#

The obvious solution to display images in full size would be to remove the width and height attributes of the `<img>` tags. However, in this case, the page would display both images in full size. A more practical approach is to show thumbnails of pictures and to pop up a full-size image when the user clicks on a thumbnail. Well, this is exactly what you will do, so follow these steps:

### Step 1: #

A copy of the previous exercise is put it into the Exercise-02-17 folder, for you to begin with:

```

<!DOCTYPE html>
<html>
<head>
    <title>Trip to San Francisco</title>
    <style>
        body {
            font-family: Verdana, Arial, sans-serif
        }
    </style>
</head>
<body>
    <p>
        Hey dude, I'd taken these pictures during
        my San Francisco trip, while I was there for
        the BUILD 2013 conference!
    </p>
    <h2>#1: On the way, over Greenland</h2>
    

    <p>
        Can you see the signs of global climate change?
    </p>
    <h2>#2: I arrived to SFO in the evening</h2>
    

    <p>
        I really liked the style of this building.
    </p>
</body>
</html>

```

As before, the Images folder is placed in the backend for efficiency purposes and the folder  contents are shown below:

```

- Images
--ArrivingAtSFO.jpg
--FunnyPark.jpg
--LongPier.jpg
--OverGreenland.jpg
--SteepStreet.jpg
--Submarine.jpg

```



## Step 2: #

Surround each `<img>` tag with an `<a>` tag, using the `href` attribute with the value of `src` attribute belonging to the nested `<img>` as the highlighted code in the following code snippet shows:

```
...
<h2>#1: On the way, over Greenland</h2>
<a href="Images/OverGreenland.jpg">
  
</a>
<p>
  Can you see the signs of global climate change?
</p>
<h2>#2: I arrived to SFO in the evening</h2>
<a href="Images/ArrivingAtSFO.jpg">
  
</a>
<p>
  I really liked the style of this building.
</p>
...

```



### Step 3: #

Display the page in the browser. When you move the mouse over any picture, you can see that the cursor's shape changes a pointing hand, indicating that you're over a clickable link, as shown below:



Can you see the signs of global climate change?

## #2: I arrived to SFO in the evening



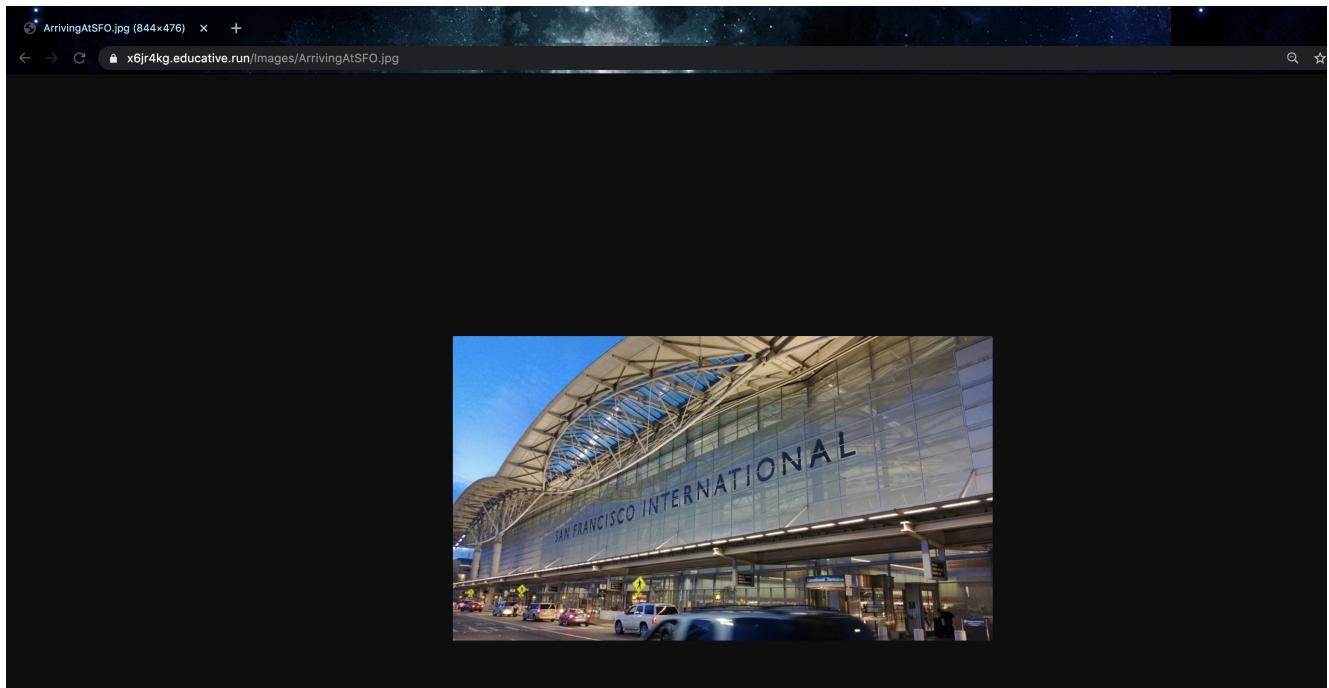
I really liked the style of this building.  
<http://localhost:1860/Images/ArrivingAtSFO.jpg>

Now the pictures are links as well

### Step 4: #

Click the picture displayed in the browser. Because you clicked on a link, the browser navigates you to the target document specified by the `href` attribute of `<a>`.

This is the picture file itself, as shown in the image below:



The browser shows the full size picture

## Complete implementation below! #

```
<!DOCTYPE html>
<html>
<head>
    <title>Trip to San Francisco</title>
    <style>
        body {
            font-family: Verdana, Arial, sans-serif
        }
    </style>
</head>
<body>
    <p>
        Hey dude, I'd taken these pictures during
        my San Francisco trip, while I was there for
        the BUILD 2013 conference!
    </p>
    <h2>#1: On the way, over Greenland</h2>
    <a href="Images/OverGreenland.jpg">
        
    </a>
    <p>
        Can you see the signs of global climate change?
    </p>
    <h2>#2: I arrived to SFO in the evening</h2>
    <a href="Images/ArrivingAtSFO.jpg">
        
    </a>
    <p>
```

```
I really liked the style of this building.  
</p>
```

```
</body>  
</html>
```

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Great! Now that all this is covered, let's summarize what we've learned in this chapter, in the upcoming lesson.

See you there! :)