

# Demo Images – Walkthrough Instructions

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## Demo Instructions

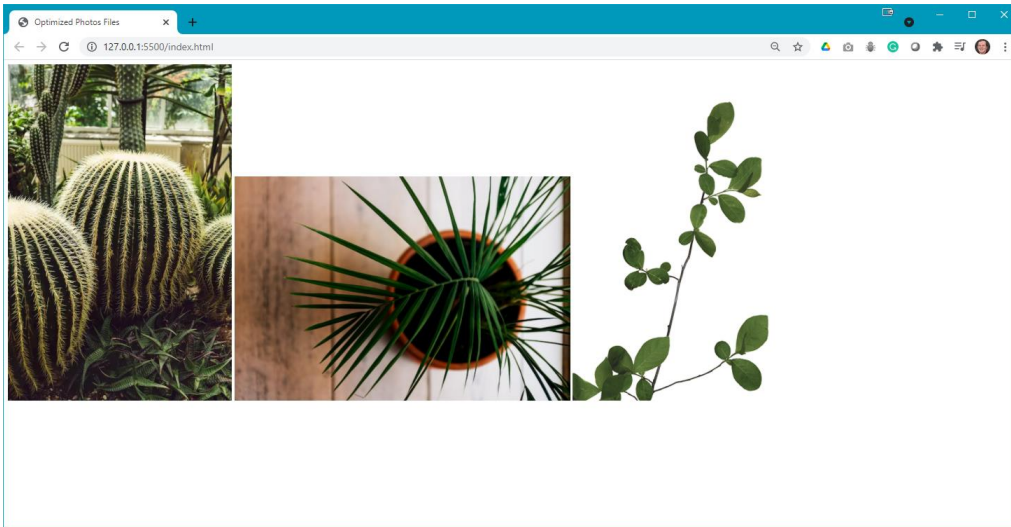
You can follow along with your instructor to complete this build and/or you can use this document as a guide in completing the demo build.

## Steps

1. Download the **demo-optimized-photos.zip** file from Moodle and extract its contents to a folder named **demo-optimized-photos**.
2. Add the code below to the `<body>` of `index.html`:

```
<div class="photos">  
    
    
    
</div>
```

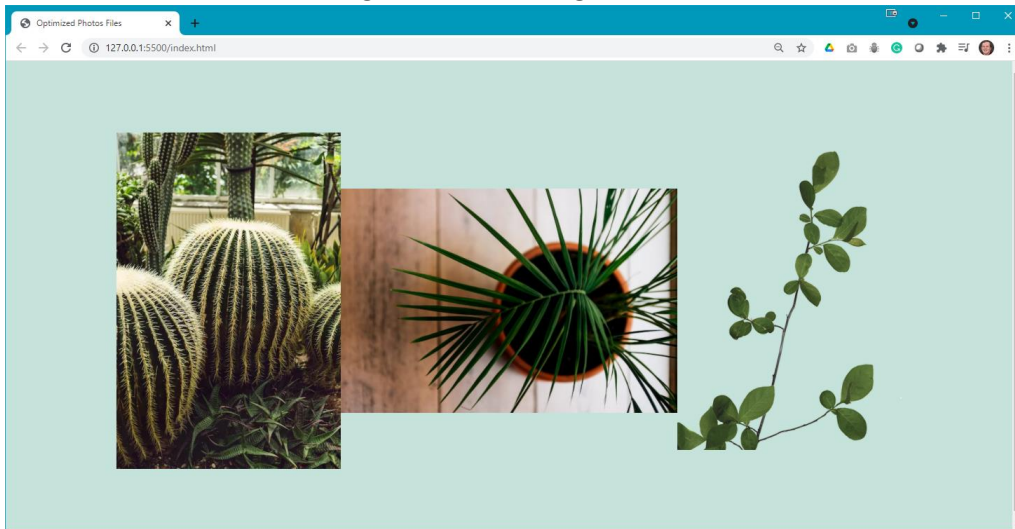
3. Save and refresh in your browser to see:



4. In your `styles.css` file add the `.photos` class style rule:

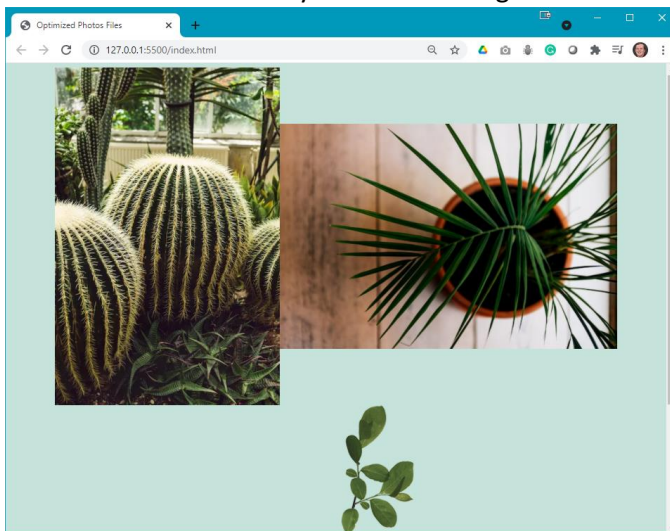
```
.photos {  
  height: 100vh;  
  display: flex;  
  flex-flow: row wrap;  
  justify-content: center;  
  align-items: center;  
}
```

5. You should now see something like the following:



**Question:** What effect did the styling rule have on the output?

6. Now shrink the width of your browser to get the following:



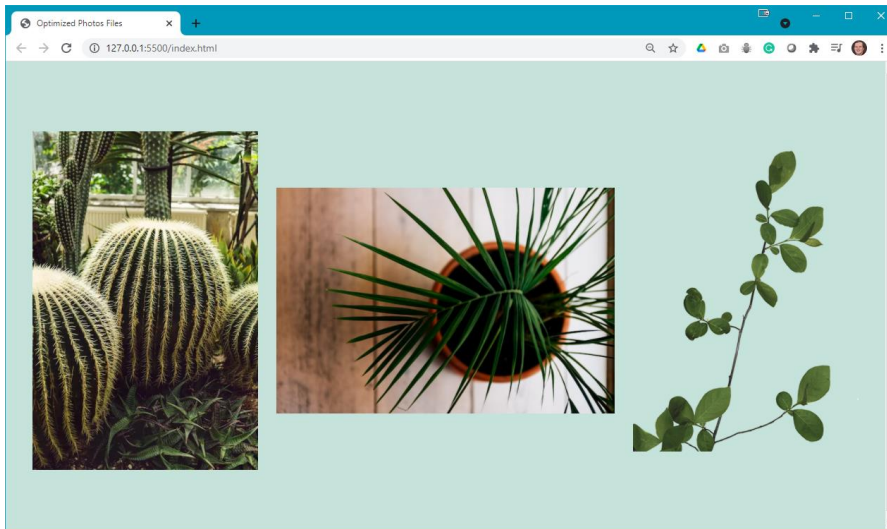
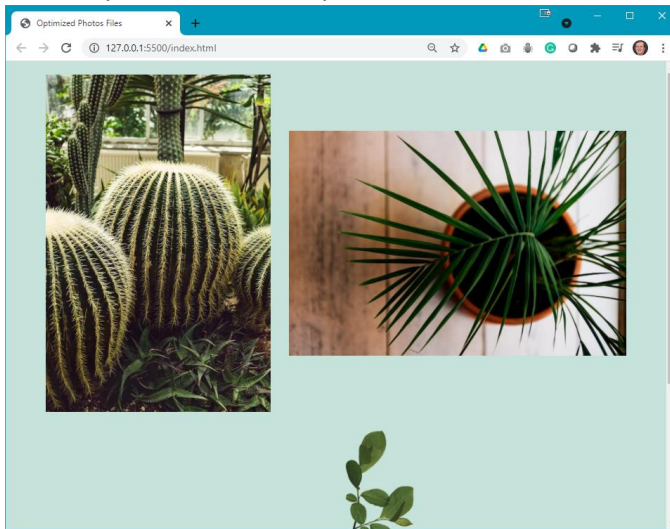
**Question:** Why did the output change?

7. Now you want to add some spacing between our images. Add the following style rule:

```
img {  
  margin: 1rem;  
}
```

**Question:** What is the `1rem`?

8. Refresh your browser and you should now see:



**Question:** Any questions relating to the final output?

9. As before, you need to add some meta data to the <head> of your web page. Add something close to the following:

```
<meta name="description" content="Image gallery with small image sizes and fast loading time.">
```

10. **Question:** How would different types of images affect the load time of this web page?