

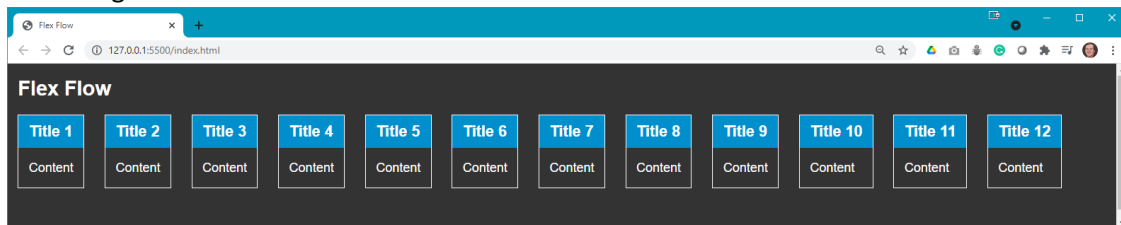
Flexbox III – Walkthrough Instructions

Demo Instructions

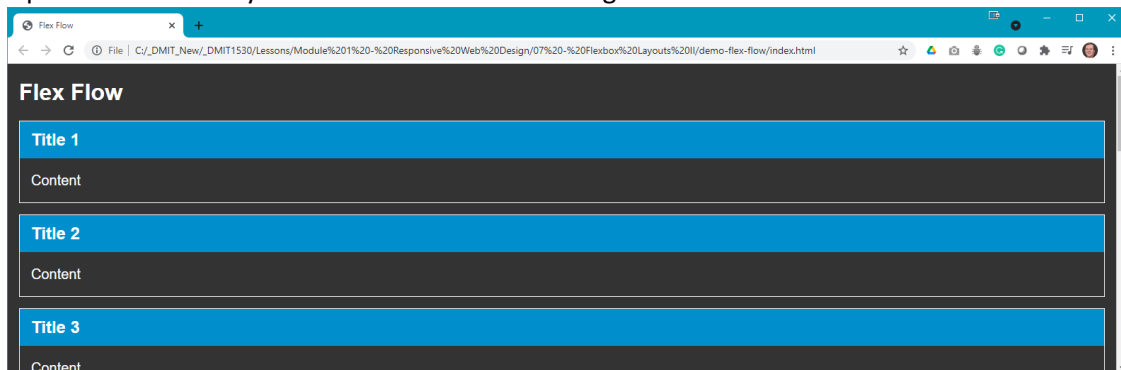
You can follow along with your instructor to complete this build and/or you can use this document as a guide in completing the demo build.

Steps

1. Download the **demo-flex-flow.zip** file from Moodle and extract its contents to a folder named **demo-flex-flow**.
2. The first goal of this demo should look like:



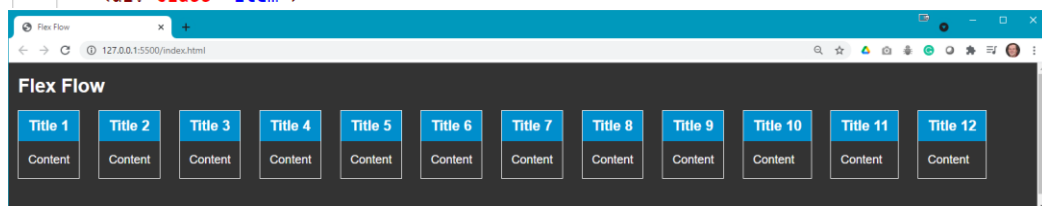
3. Open **index.html** in your browser to see something like:



Question: What do you think you need to do to achieve the desired output?

4. Add the following style rules to your **styles.css** file:
 - a. Add a **.flex-container** class:
 - b. Modify the following code in your **index.html**:

```
<main>
  <h1>Flex Flow</h1>
  <div class="flex-container">
    <div class="item">
```



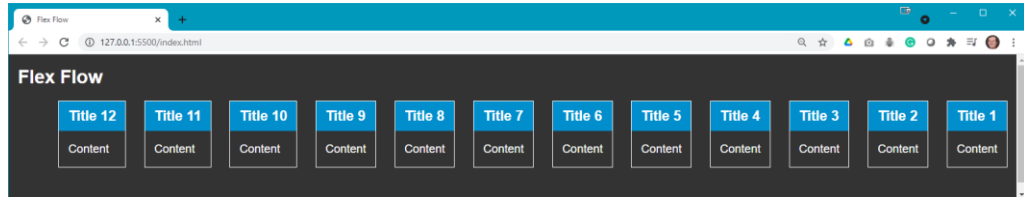
5. There are other properties of flexbox that you can set. First you will look at `flex-direction`. Do each of the following and examine the output:

a. `flow`:

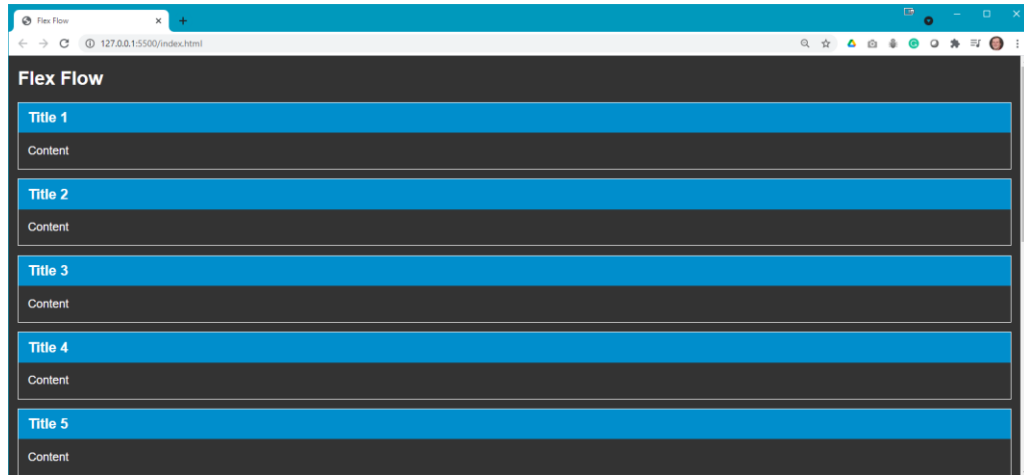
```
.flex-container {  
  display: flex;  
  
  /* flex-direction */  
  flex-flow: row;  
}
```

The output should not have changed.

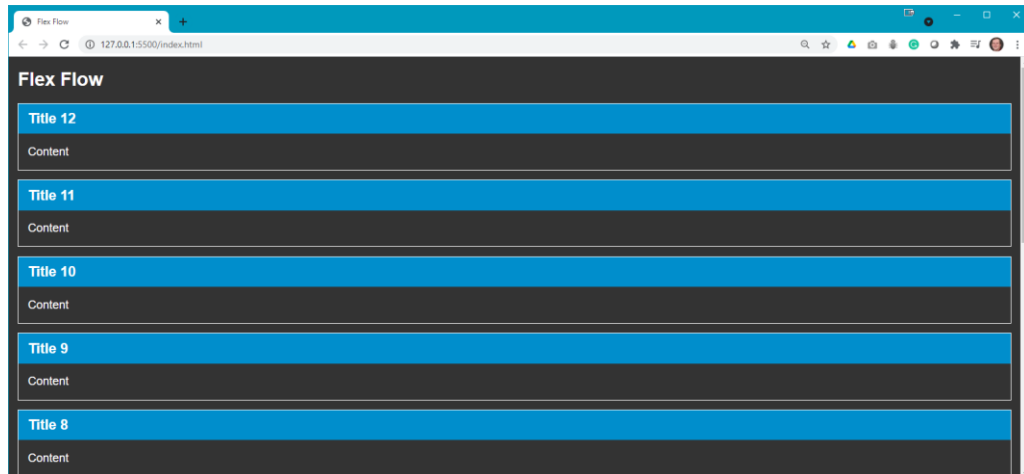
b. `flow-reverse`:



c. `column`:



d. `column-reverse`:

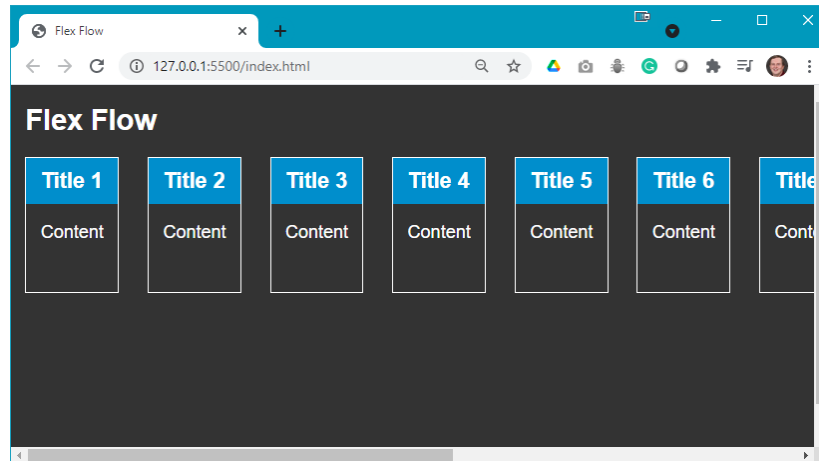


6. Now you can examine the `flex-wrap` property. First set the `flex-flow` to `row`, then do each of the following:

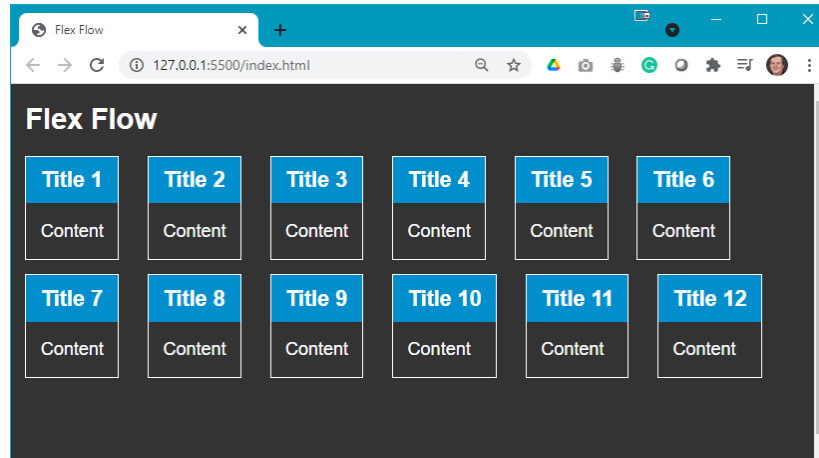
a. nowrap:

```
.flex-container {  
  display: flex;  
  
  /* flex-direction */  
  flex-flow: row;  
  
  /* flex-wrap */  
  flex-flow: nowrap;  
}
```

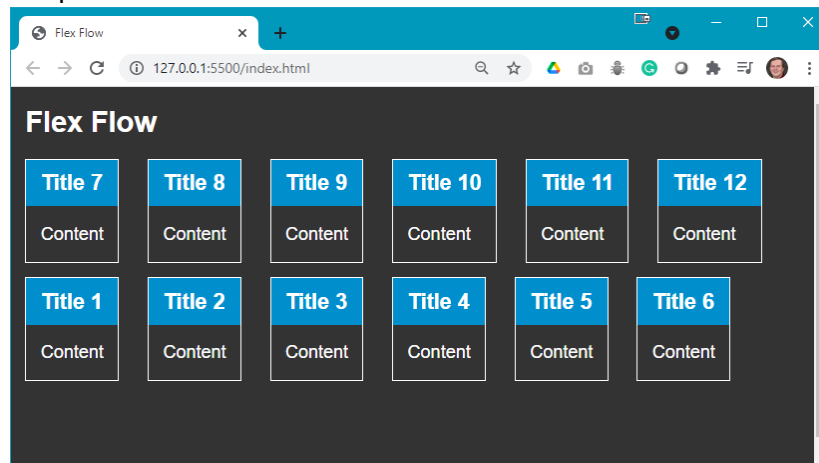
The output should be the same as shown in step 4b, or if you make your browser window narrower:



b. wrap:



c. wrap-reverse:

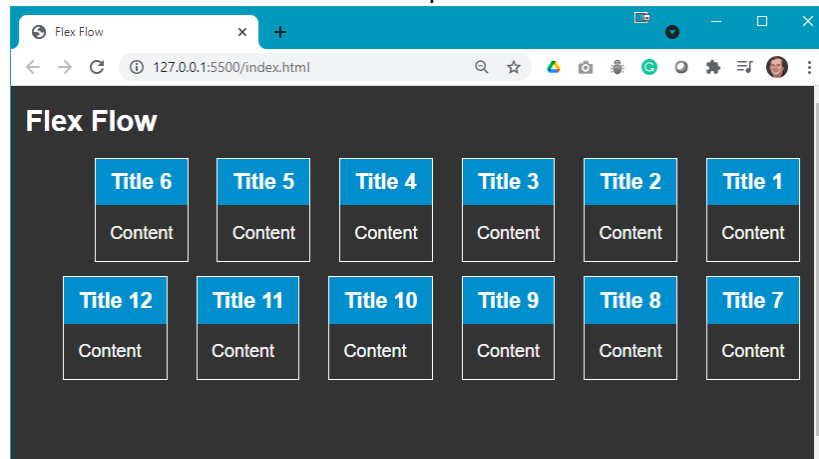


7. Finally, you can combine flex-direction and flex-wrap as flex-flow. First comment out all the style rules after `display: flex;` and do each of the following and examine the output.

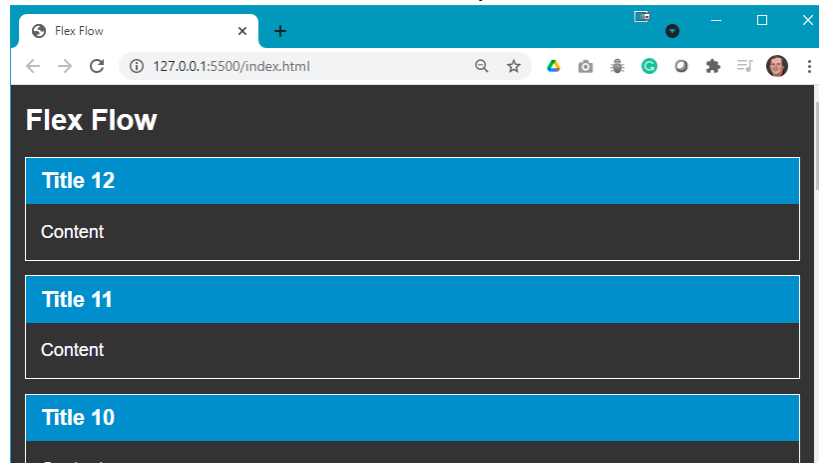
a. Default setting (flex-flow: row nowrap):

```
.flex-container {  
  display: flex;  
  
  /* flex-direction */  
  /* flex-flow: row; */  
  
  /* flex-wrap */  
  /* flex-flow: wrap-reverse; */  
  
  /* flex-direction and flex-wrap */  
  flex-flow: row nowrap;  
}
```

b. flex-flow: row-reverse wrap:



c. `flex-flow: column-reverse wrap-reverse;`



There are other combinations which you can explore.