<activity05/>

During Class

To submit this activity, you will create a zip (.zip) file
netid_Activity05_catalog_flowers_bootstrap.zip
containing the next files:

```
netId_Activity05_catalog_flowers_bootstrap.html
Folder: images
```

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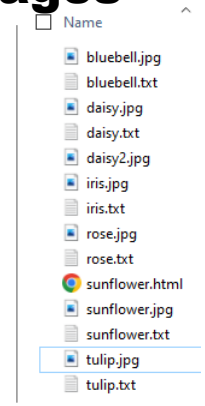
First :

Download from Canvas the images provided by the professor and copy them to a folder **./images** inside the folder where you are creating this **Activity**.

The folder “images” contains a list of images of flowers and a list of files with text describing every flower:

./images



Keep the directory structure shown in the left:

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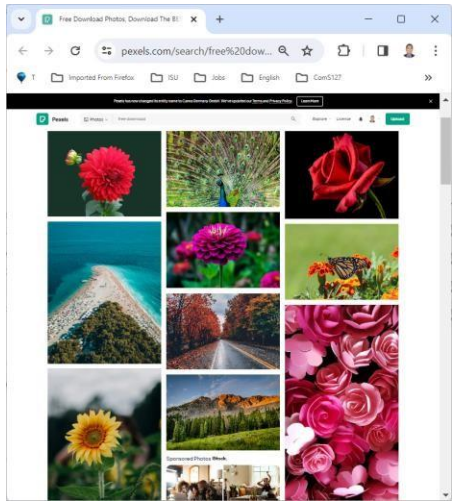
There are many sites on internet where you can obtain free images.

Second :

Visit the next link and download one extra image of one flower :

https://www.pexels.com/search/free%20download/



And write or search a description of your new flower

When the image is a high-quality file, it is recommended to use a tool to reduce the image size for better performance in the Web:

Some online tools used to reduce the image size are the next:

https://tinypng.com/

https://tinyjpg.com/

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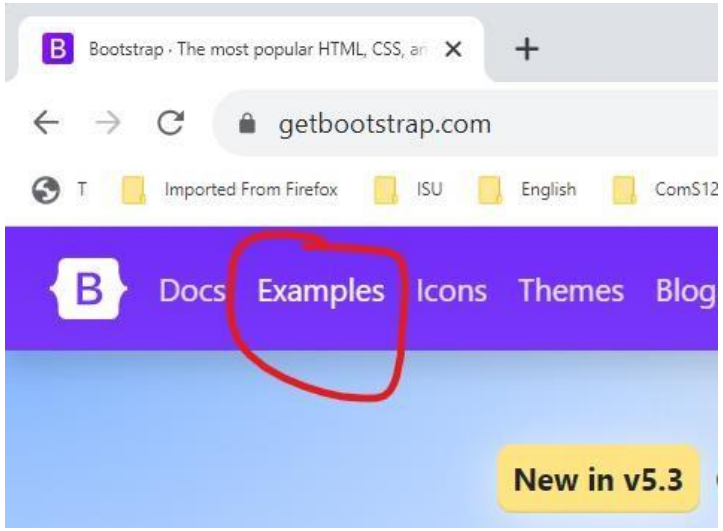
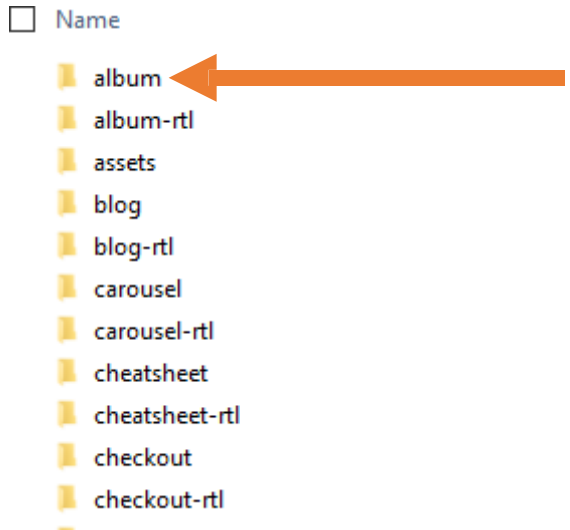
Third :

Download from Bootstrap the free Examples and extract the file in your computer.

https://getbootstrap.com/





Select **ALBUM** from the list of Examples.
Inside the folder there is only one single HTML:

index.html

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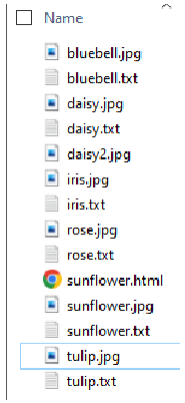
Move the **index.html** from **ALBUM** to your working directory.

Open the index.html file with Visual Studio Code and add to the index.html file the CDN CSS Bootstrap shown in previous class:

./index.html
./images



After moving/copying the index.html file to your working directory, it will be in a folder that contains the folder images with the flowers.

Copy CDN via jsDelivr to your **index.html**

CDN

Content Delivery Network

https://getbootstrap.com/ > Docs > Download > CDN via jsDelivr:

Paste it before title:

index.html > html > head

```
1   <!doctype html>
2   <html lang="en" data-bs-theme="auto">
3     <head><script src="../assets/js/color-modes.js"></script>
4
5       <meta charset="utf-8">
6       <meta name="viewport" content="width=device-width, initial-scale=1">
7       <meta name="description" content="">
8       <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap contributors">
9       <meta name="generator" content="Hugo 0.118.2">
10
11      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel='
12      <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js'
13
14      <title>Album example · Bootstrap v5.3</title>
```

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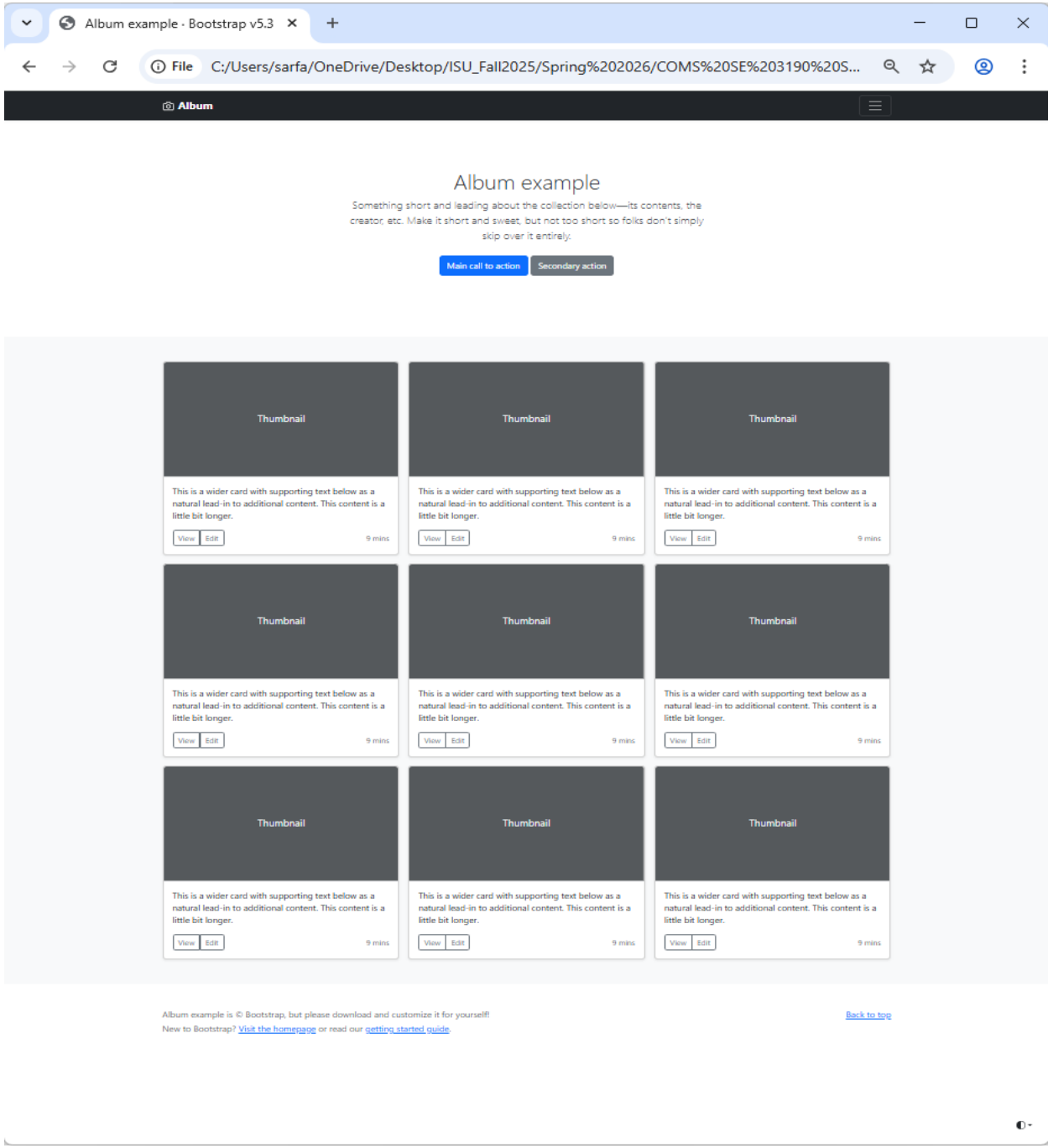
Open **ALBUM** and explore the elements in the Web page.



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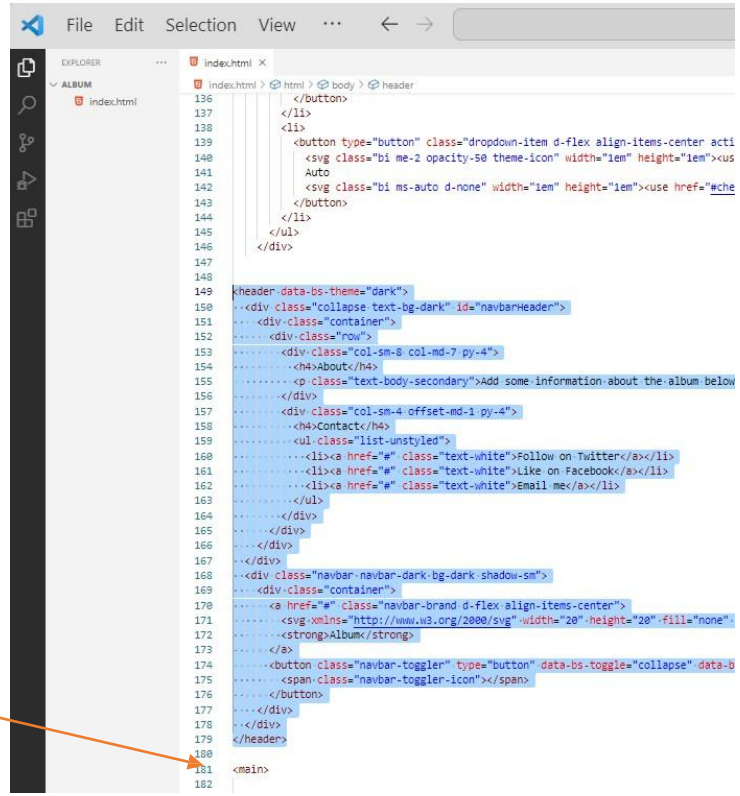
Fourth :

Explore the structure of the **index.html** – Observe the Containers:

Find the code of the Navigation Bar:

It is before `<main>`



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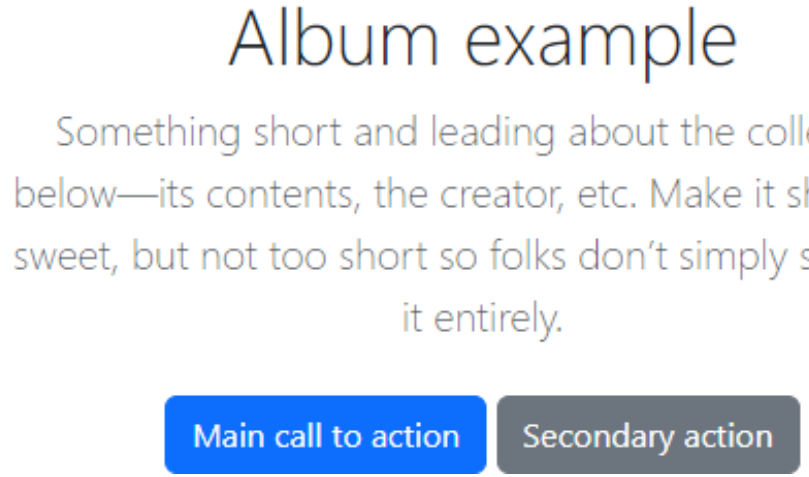
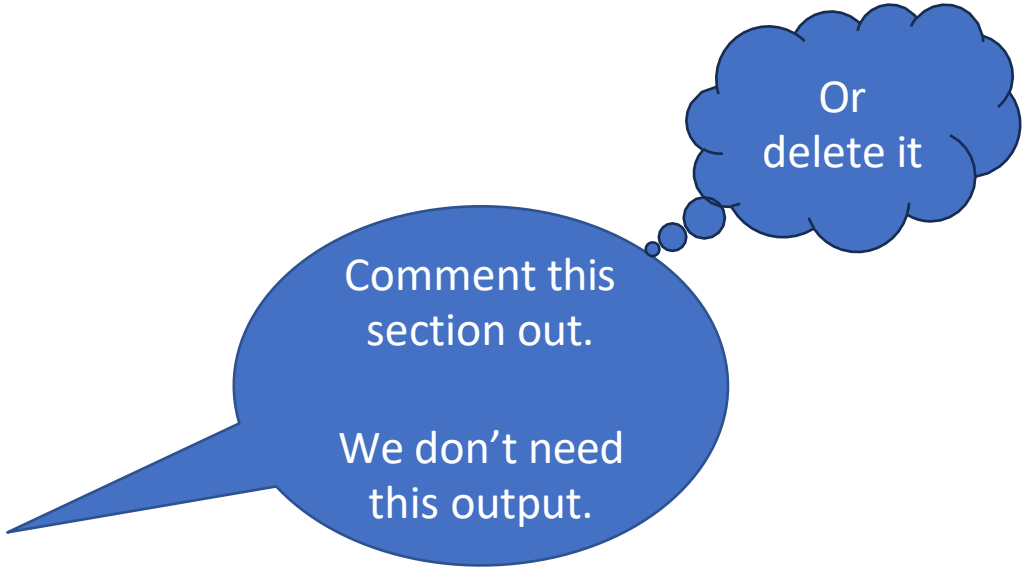
Find the code of the section <section> … </section>






```
<main>

  <section class="py-5 text-center container">
    <div class="row py-lg-5">
      <div class="col-lg-6 col-md-8 mx-auto">
        <h1 class="fw-light">Album example</h1>
        <p class="lead text-body-secondary">Something short and leading about
        <p>
          <a href="#" class="btn btn-primary my-2">Main call to action</a>
          <a href="#" class="btn btn-secondary my-2">Secondary action</a>
        </p>
      </div>
    </div>
  </section>

  <div class="album py-5 bg-body-tertiary">
```

You can find “Album example”

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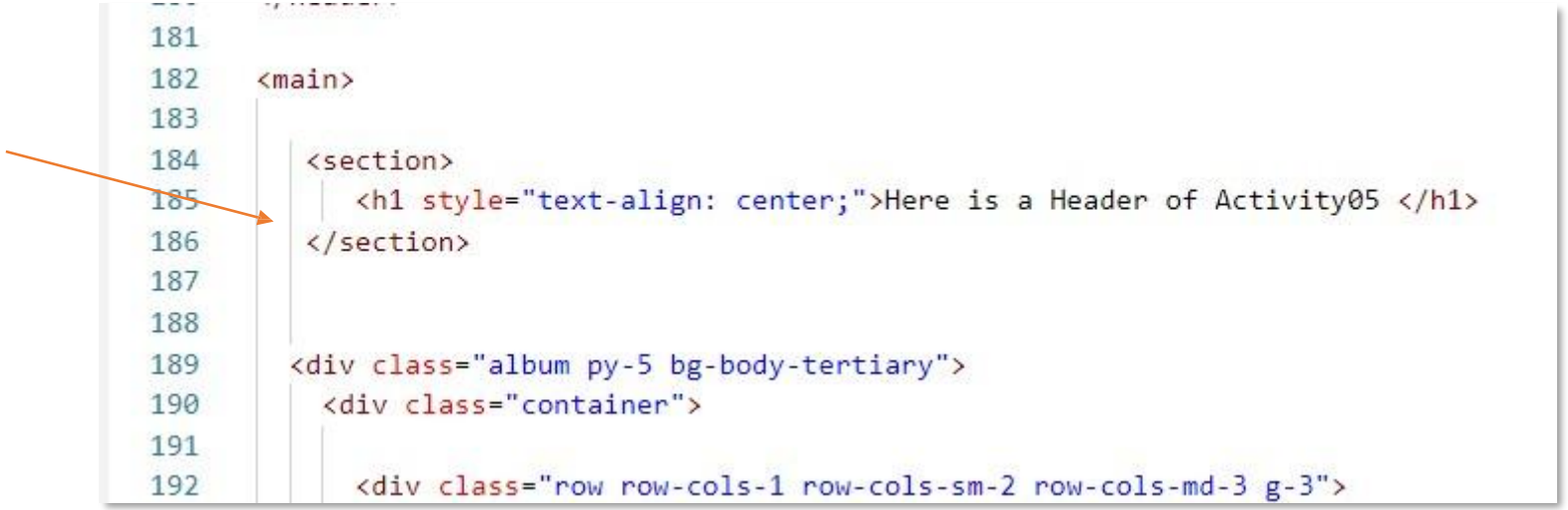
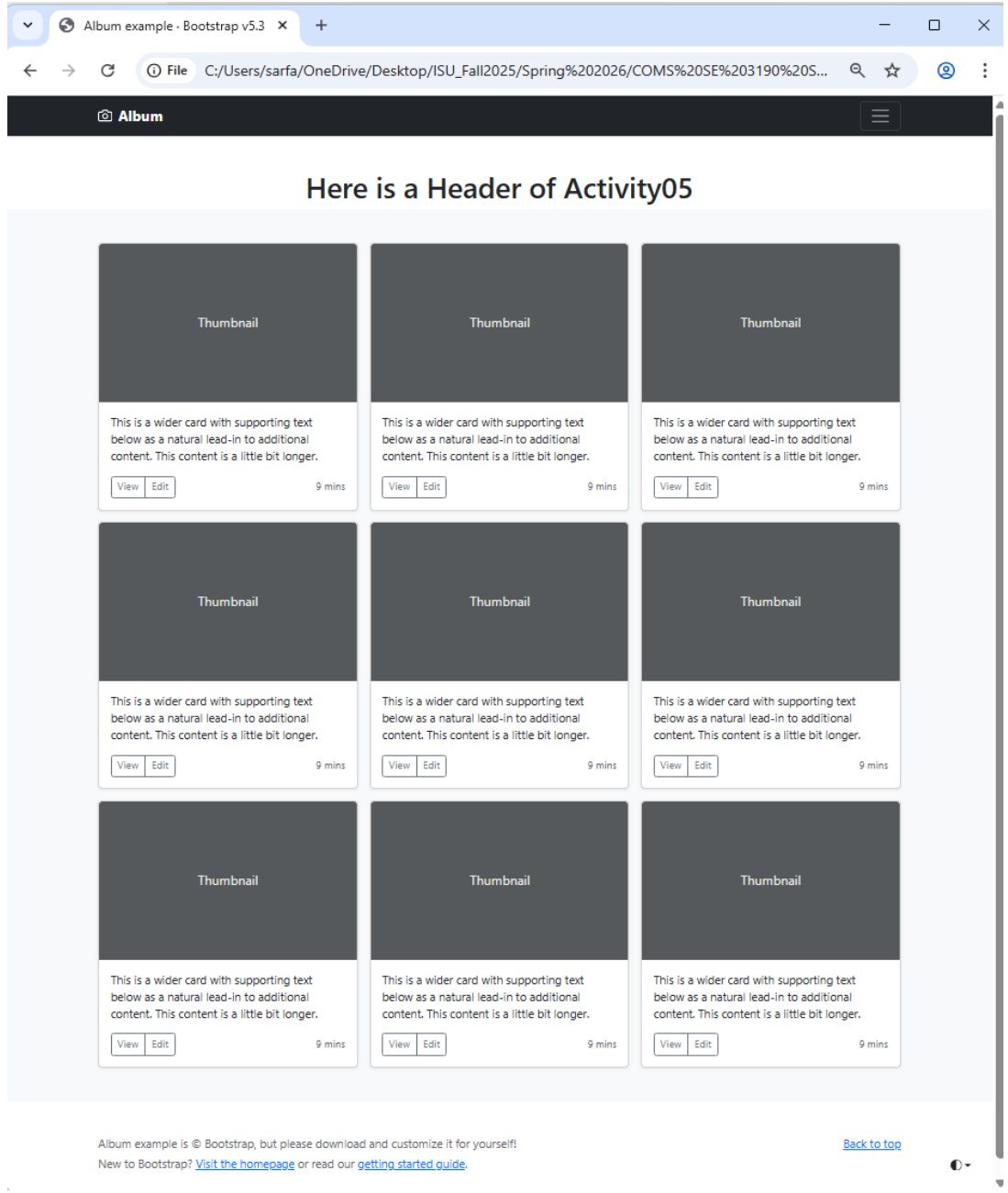
Add a Section to your Web page:

```
<section>
  <h1 style="text-align: center;">Here is a Header of Activity05 </h1>
</section>
```

Add it after `<main>`:



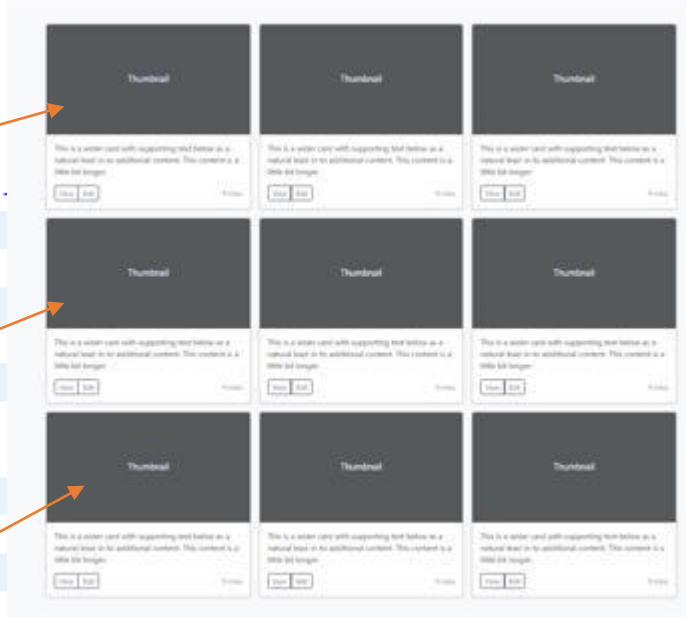

Album example · Bootstrap v5.3
File C:/Users/sarfa/OneDrive/Desktop/ISU_Fall2025/Spring%202026/COMS%20SE%203190%20S...
Album
Here is a Header of Activity05
Thumbnail
This is a wider card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.
View
Edit
9 mins
Album example is © Bootstrap, but please download and customize it for yourself!
New to Bootstrap? Visit the homepage or read our getting started guide.
Back to top

Collapse every div class col

```
<div class="col"> …
</div>
```

Here, you will understand the functioning of containers of the Catalog of Products page

```
<div class="album py-5 bg-light">
  <div class="container">

    <div class="row row-cols-1 row-cols-sm-2 row-cols-
      <div class="col">…
      </div>
      <div class="col">…
      </div>
      <div class="col">…
      </div>

      <div class="col">…
      </div>
      <div class="col">…
      </div>
      <div class="col">…
      </div>

      <div class="col">…
      </div>
      <div class="col">…
      </div>
      <div class="col">…
      </div>
    </div>
  </div>
</div>

</main>

<footer class="text-muted py-5">
  <div class="container">
```



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Fifth :

Modify **index.html:**

1.- Comment out the last 3

```
<div class="col"> …
</div>
```

2.- You have only 6 div for the 6 flowers :

```
<div class="row row-cols-1 row-cols-sm-2 row-cols-md-3 g-3">
  <div class="col">…
  </div>
  <div class="col">…
  </div>
  <div class="col">…
  </div>

  <div class="col">…
  </div>
  <div class="col">…
  </div>
  <div class="col">…
  </div>

  <!-- <div class="col">…
```

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```
191         <div class="row row-cols-1 row-cols-sm-2 row-cols-md-3 g-3">
192           <div class="col">···
206           </div>
207           <div class="col">···
221           </div>
222           <div class="col">···
236           </div>
237
238           <div class="col">···
252           </div>
253           <div class="col">···
267           </div>
268           <div class="col">···
282           </div>
283
284           <div class="col">···
298           </div>
299           <div class="col">···
313           </div>
314           <div class="col">···
328           </div>
329         </div>
330       </div>
331     </div>
```

Watch out when comment out or delete

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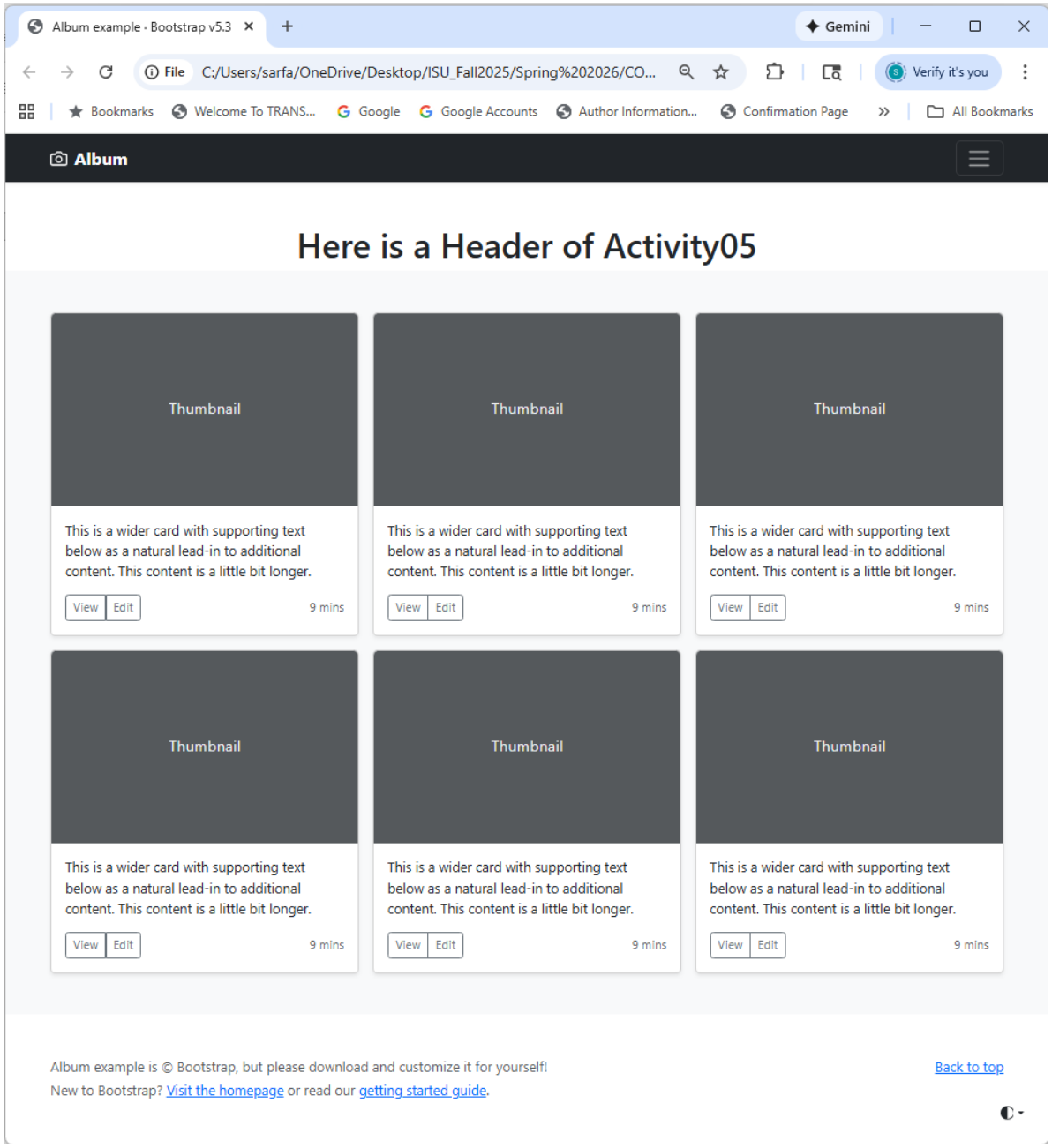
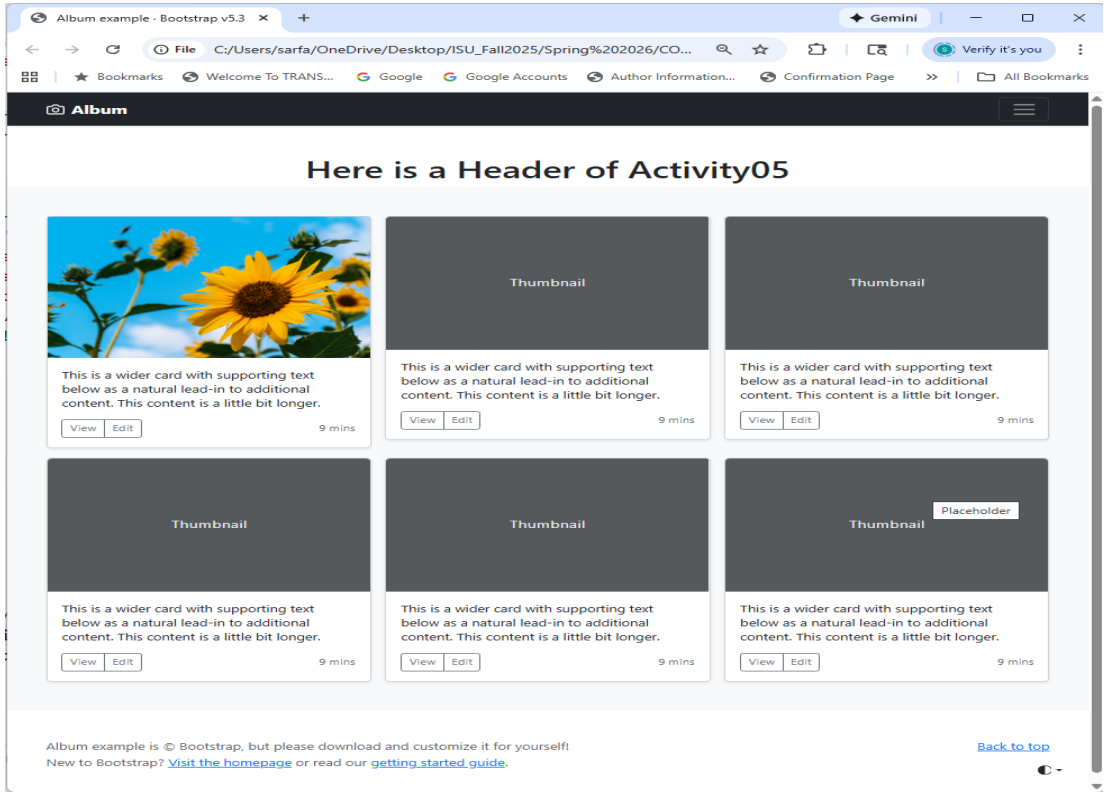
Only 6 container for 6 flowers.



3.- Comment out the <svg … </svg> tag and add the image of a flower :

```
<div class="card shadow-sm">
  <!-- <svg class="bd-placeholder-img card-img-top" width="100%" height="22
  org/2000/svg" role="img" aria-label="Placeholder: Thumbnail" preserveAspe
  focusable="false"><title>Placeholder</title><rect width="100%" height="10
  x="50%" y="50%" fill="#eceeef" dy=".3em">Something here</text></svg> -->
  <img src="./images/sunflower.jpg" alt="sunflower">
```

Or delete it



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4.- Copy the text related to the chosen flower and paste to the paragraph:

Highlight the flower name.

```
<p class="card-text">The common <strong>sunflower</strong> (Helianthus annuus) is a l
forb of the genus Helianthus. It is commonly grown as a crop for its edible oily seed
<div class="d-flex justify-content-between align-items-center">
```

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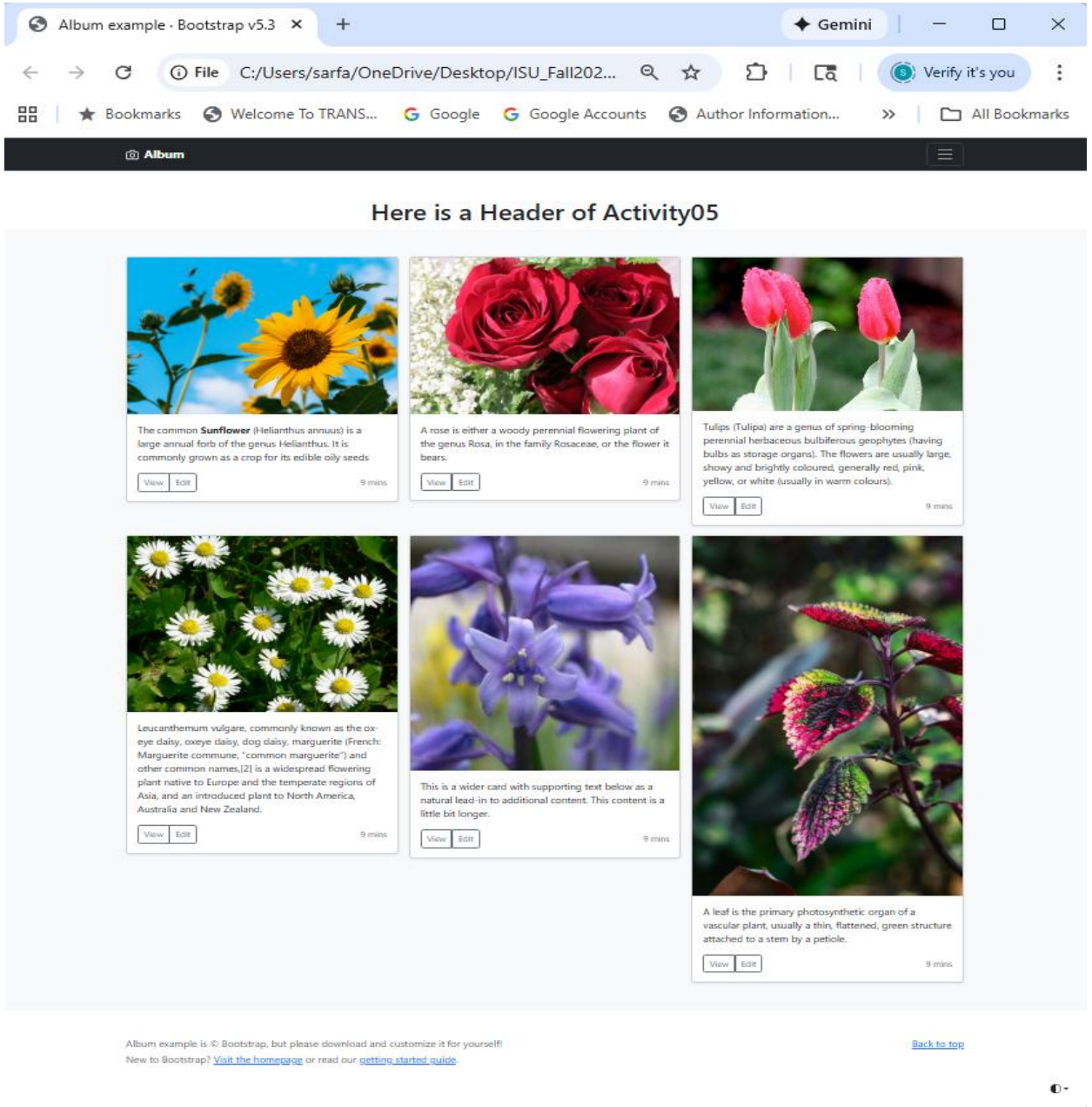
Repeat the process for the 6 flowers …

Observe the final Catalog of Products

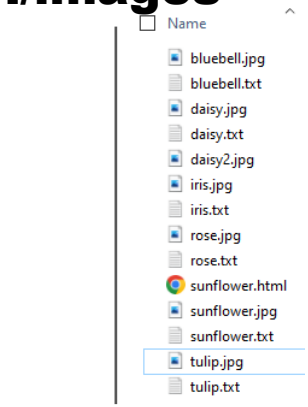


Finally:

Prepare a zip file containing the next files :

index.html

./images



Name the file: netid_Activity05_catalog_flowers_bootstrap.zip

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