

Lab: HTML and CSS Basics

1. Welcome to HTML

Create a web page like the following:

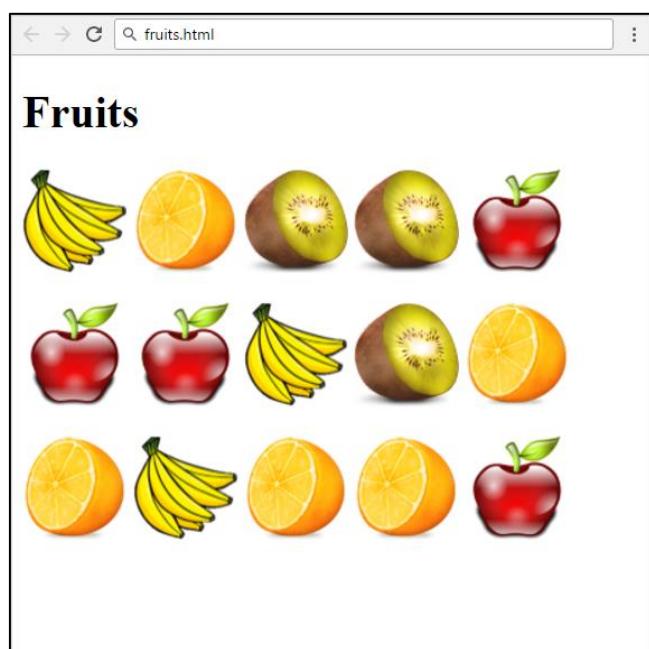


Constraints

- Change the file name to **welcome.html**.
- Use **paragraph** tag for plain text and **strong** tag for bold text.
- Set the title to **Welcome**.

2. Fruits

Create a web page like the following:



Constraints

- Change the file name to **fruits.html**.
- You are given 4 image files: **apple.png**, **banana.png**, **kiwi.png**, **orange.png**.
- Use 3 paragraphs - each holding 5 images.
- Add header **Fruits**.
- Keep in mind that you need to change the size of the image files to be similar to the example above. You can use the **<style>** tag.

3. HTML Lists

- 1. List item 1
 - 1. Nested item 1.1
 - 2. Nested item 1.2
- 2. List item 2
 - 1. Nested item 2.1
 - 2. Nested item 2.2
 - Nested item 2.2.1
 - Nested item 2.2.2
 - Nested item 2.2.3
 - 3. Nested item 2.3
- 3. List item 3
 - Nested item 3.1
 - Nested item 3.2
 - Nested item 3.3

Constraints

- A nested list like the example.

Solution

```
<ol>
  <li>List item 1
    <ol>
      <li>Nested item 1.1</li>
      <li>Nested item 1.2</li>
    </ol>
  <li>List item 2
    <ol>
      <li>Nested item 2.1</li>
      <li>Nested item 2.2
        <ul>
          <li>Nested item 2.2.1</li>
          <!-- TODO: put the next items here-->
        </ul>
      </li>
      <li>Nested item 2.3</li>
    </ol>
  </li>
  <li>List item 3
    <ul>
      <li>Nested item 3.1</li>
      <!-- TODO: put the next items here -->
    </ul>
  </li>
</ol>
```

4. Wiki Page

Create a web page like the following:

The screenshot shows a web browser window with the URL "wiki-page.html" in the address bar. The page content is as follows:

The Brown Bear

The brown bear (*Ursus arctos*) is native to parts of northern Eurasia and North America. Its conservation status is currently "Least Concern." There are many subspecies within the brown bear species, including the Atlas bear and the Himalayan brown bear.

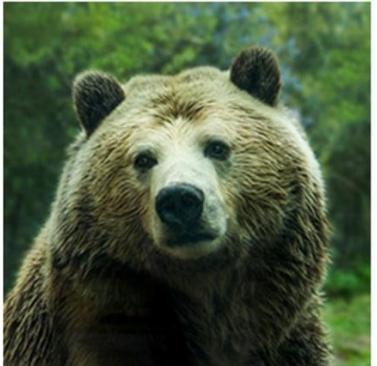
[Learn More](#)

Here are some bear species:

- Arctos
- Collarus
- Horribilis
- Nelsoni (extinct)

The following countries have the largest populations of brown bears:

1. Russia
2. United States
3. Canada



Constraints

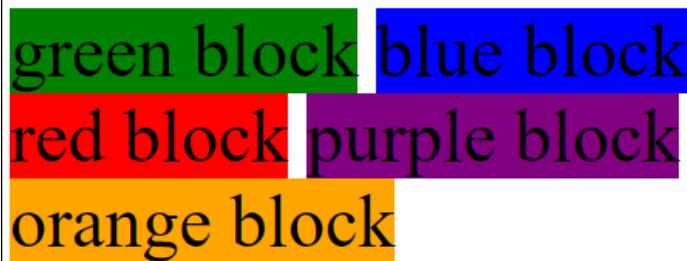
- Filename: **wiki-page.html**.
- Title: **The Brown Bear**:
 - Use **<h1>**
- Hyperlink: https://en.wikipedia.org/wiki/Brown_bear.
- List: use **ordered list** and **unordered list**.
- Text: use **paragraph**:
 - Image: use the file **bear.jpg**

5. Color Blocks

Use the following HTML:

```
<div class="green">green block</div>
<div class="blue">blue block</div>
<div class="red">red block</div>
<div class="purple">purple block</div>
<div class="orange">orange block</div>
```

And style it as the screenshot:



Solution

```
div {display: inline-block;}
.green {background-color: green;}
.blue {background-color: blue;}
<!-- Implement rest of the styles --&gt;</pre>
```