

Lab: HTML and CSS Basics

1. Welcome to HTML

Create a web page like the following:

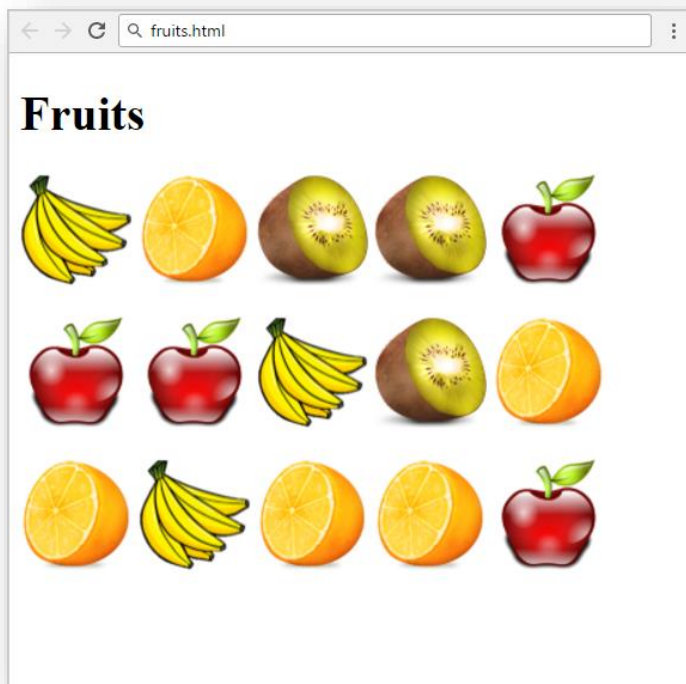


Constraints

- 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 alike 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

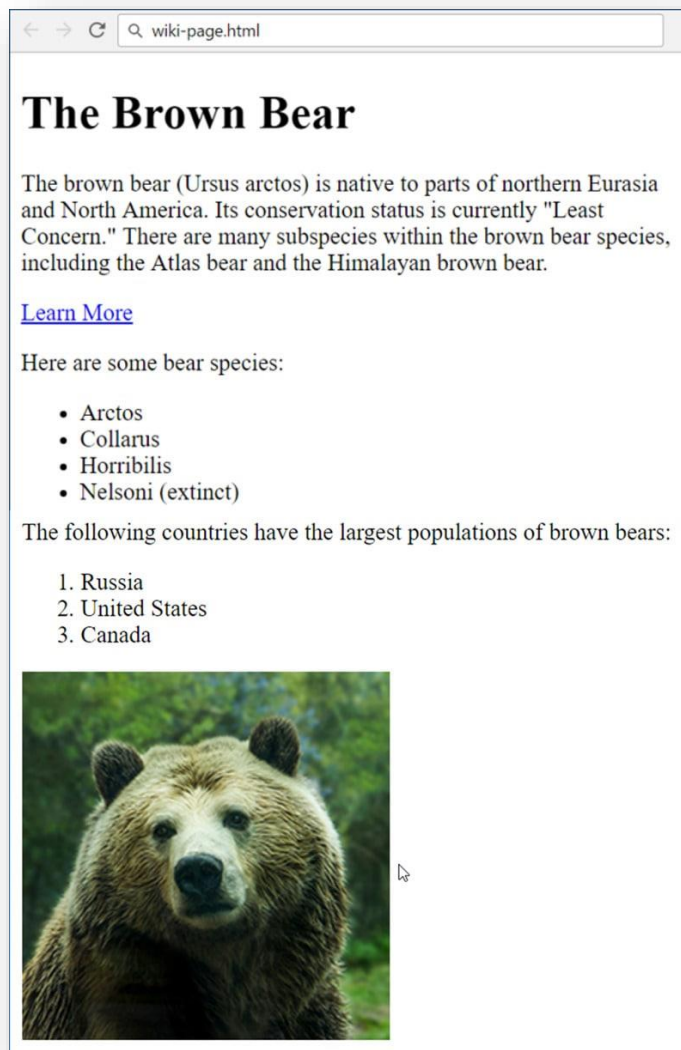
- Nested list like the example

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:



Constraints

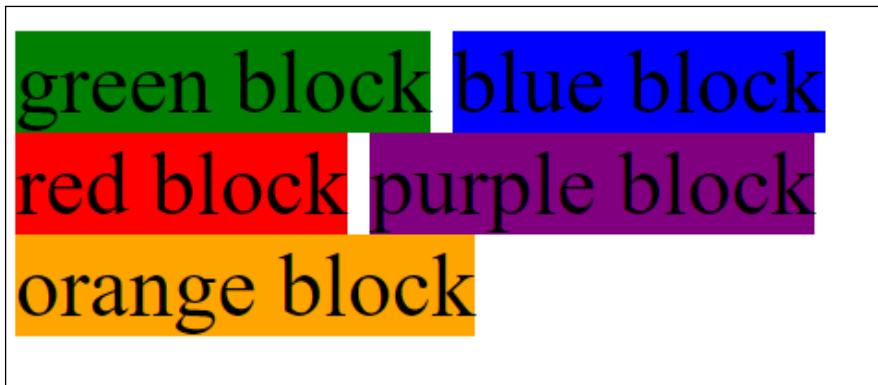
- File name: **wiki-page.html**
- Title: **The Brown Bear**
 - Use **<h1>**
- Hyperlink: **https://en.wikipedia.org/wiki/Brown_bear**
- List: use **ordered list** and **unordered list**
- Text: use **paragraph**
 - Image: use the file **bear.jpg**

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 -->
```