

# Lab: HTML and CSS Basics

Problems for in-class lab for the ["Programming Fundamentals" course @ SoftUni](#).

## 1. Welcome to HTML

Create a web page like the following:

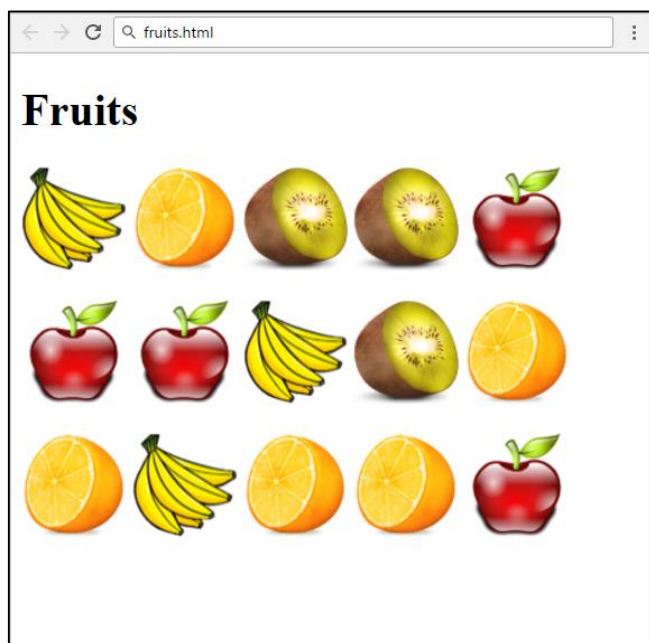


### Constraints

- 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

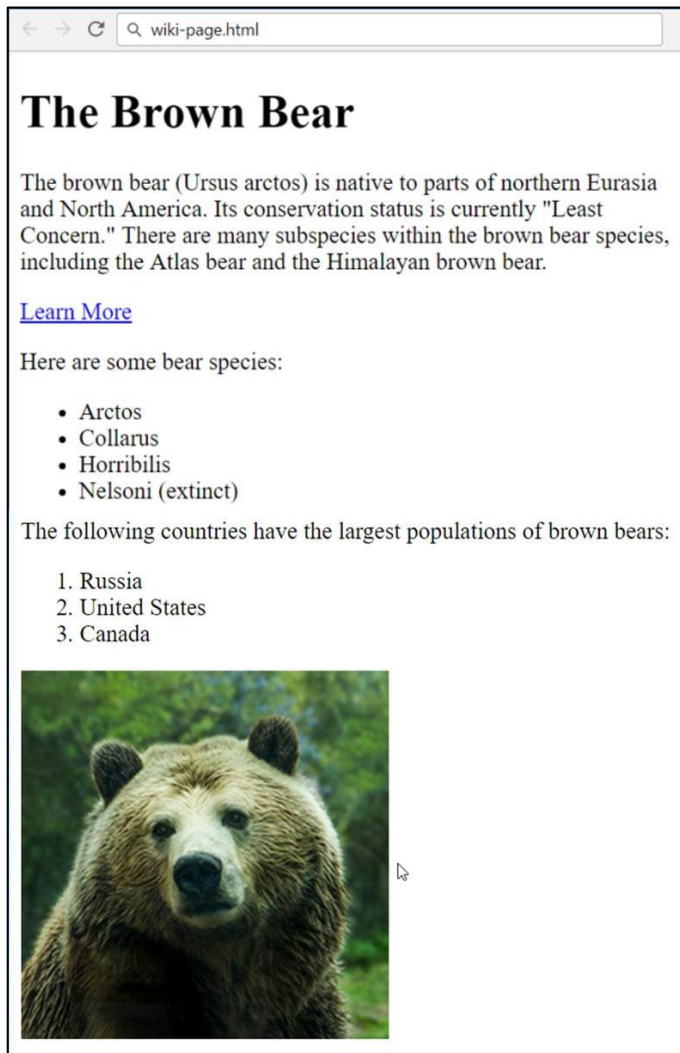
- A nested list like the example

## 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:



## Constraints

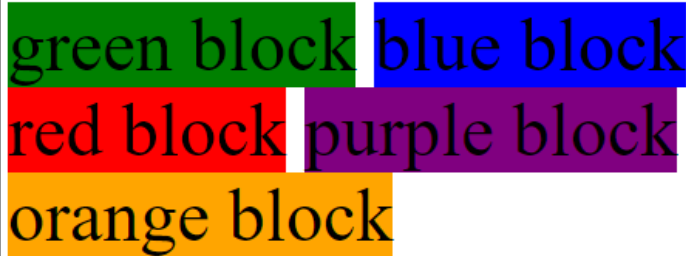
- Filename: **wiki-page.html**.
- Title: **The Brown Bear**:
  - Use **<h1>**
- Hyperlink: **[https://en.wikipedia.org/wiki/Brown\\_bear](https://en.wikipedia.org/wiki/Brown_bear)**.
- List: use **ordered list** and **unordered list**.
- Text: use **paragraph**:
  - Image: use the file **bear.jpg**

## 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 -->
```