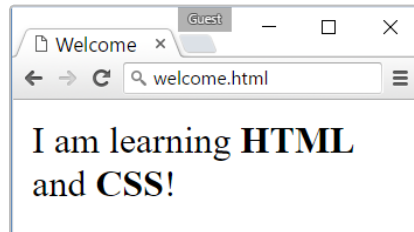


Lab: Web Fundamentals Introduction

1. Welcome to HTML

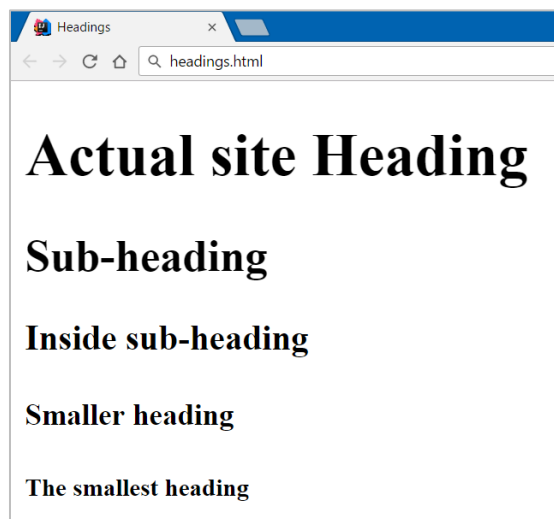
Create a Web page like at the screenshot:



- *File name:* welcome.html
- *Title:* Welcome
- *Paragraph of text:* I am learning **HTML** and **CSS!**

2. Headings

Create a Web page like the screenshot:



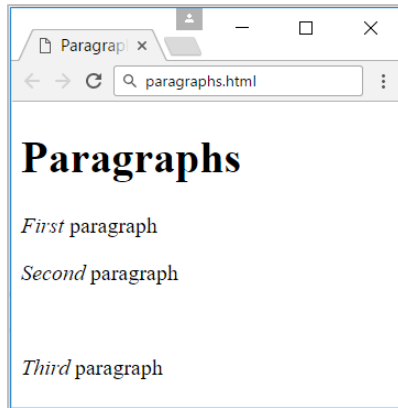
- *File name:* headings.html
- *Title:* Headings
- *Large heading:* Headings Exercise
- *Smaller headings:* First through Fourth

Hints

Use <h1> through <h5> tags.

3. Paragraphs

Create a Web page like the screenshot:



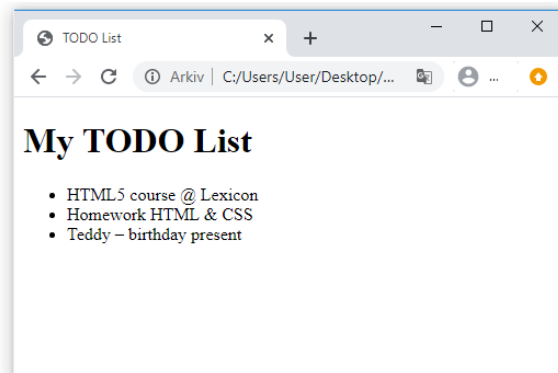
- *File name:* paragraphs.html
- *Title:* Paragraphs
- *Large heading:* Paragraphs
- *Emphasized text:* First, Second and Third
- *Empty line:* Between second and third paragraph

Hints

Use `<p>`, `` and `
` tags.

4. My TODO List

Create a Web page like the screenshot:



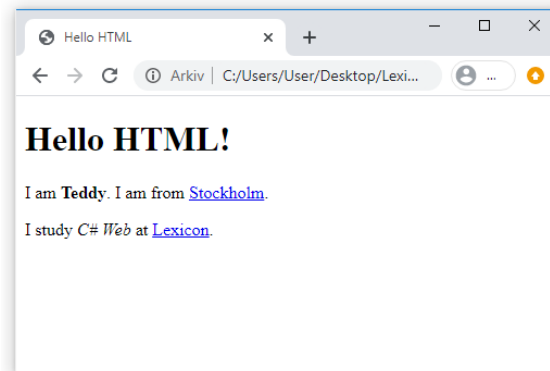
- *File name:* **todo.html**
- *Title:* TODO List
- *Large heading:* My TODO List
- *Unordered list:* `...`
- *Three list elements:* `...`

Hints

- Create an HTML file named **todo.html** like in the previous exercises.
- Assign the `<title>...</title>`.
- Use `...` to create an unordered list.
- Put each of the list items in a `...` tag.
- Use `&` for the &
- Use `–` for the long hyphen.

5. Hello HTML

Create a Web page like the screenshot:

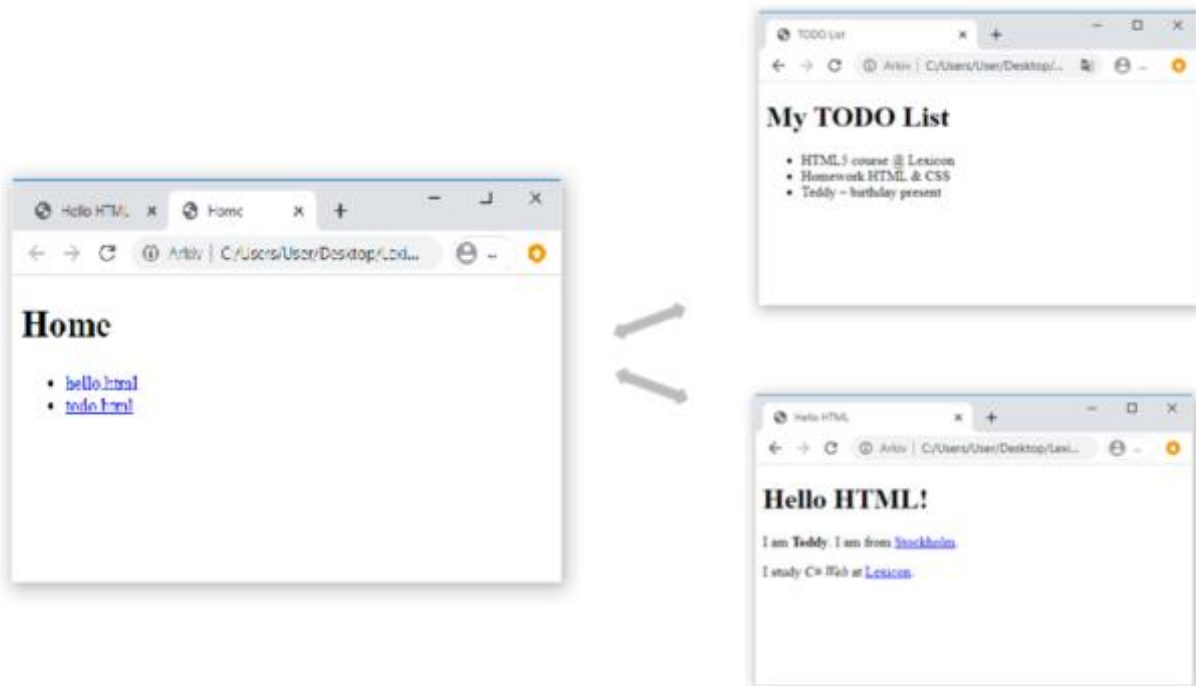


- *File name:* **hello.html**
- *Title:* Hello HTML
- *Large heading:* Hello HTML!
- *Paragraph of text:* I am <your name (bold)>. I am from <your town as link to your town's Web site>.
- *Paragraph of text:* I study <specialty (italic)> at <link to Lexicon>.

Hints

Modify the code from the example in the slides.

6. Website



Create three web pages connected to each other by local links like the screenshot below:

- *File names:* **home.html**, **todo.html**, **hello.html**
- *Titles:* Home, TODO List, Hello

- *Large headings:* Home, My TODO List, Hello HTML!
- *Unordered lists:* home.html and todo.html
- *Hyperlinks:* home.html - links to todo.html and hello.html
- *Home hyperlinks:* todo.html and hello.html

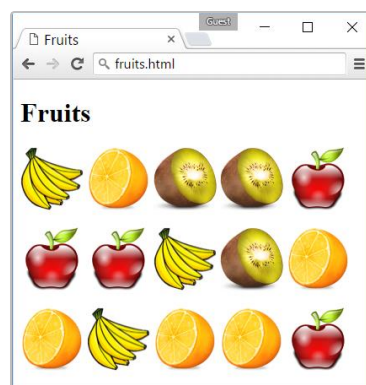
Hints

You can use the todo.html and hello.html pages that you have created for the previous exercises.

- Create home.html and use `...` to create an unordered list with the links
- Use `...` to create a hyperlink inside a `...` element
- Use `href="todo.html"` to connect home.html to todo.html and `href="hello.html"` to connect it with hello.html.
- Create 'back to home' links following the same logic

7. Fruits

Create a Web page like the screenshot:



Download these images from google images:

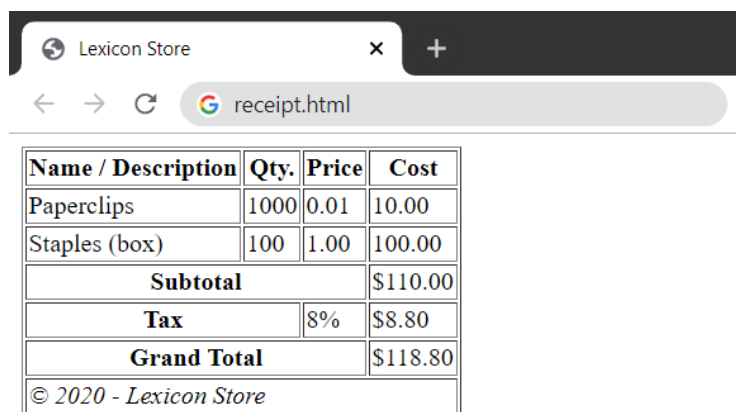
- `images\apple.png`
- `images\banana.png`
- `images\kiwi.png`
- `images\orange.png`

Hints

- Create a HTML page named `"fruits.html"` titled `"Fruits"`.
- Use 3 paragraphs, each holding 5 images.
- Put the images in each paragraph (row) in a sequence, one after another.

8. Receipt

Design a Web page like the screenshot:

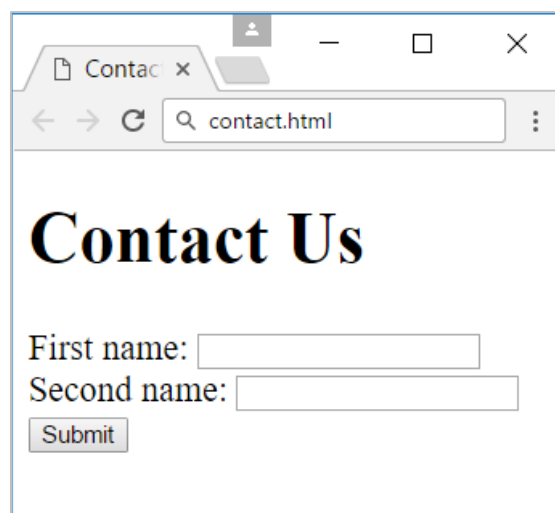


Name / Description	Qty.	Price	Cost
Paperclips	1000	0.01	10.00
Staples (box)	100	1.00	100.00
Subtotal			\$110.00
Tax		8%	\$8.80
Grand Total			\$118.80
© 2020 - Lexicon Store			

Hints

- Create a HTML page named “**receipt.html**” titled “**Lexicon Store**”.
- Use **<table>**, **<tr>**, **<th>**, **<td>** tags and the **colspan** attribute.
- Use **©** for the copyright sign.

Create a Web page like the screenshot:



contact.html

Contact Us

First name:

Second name:

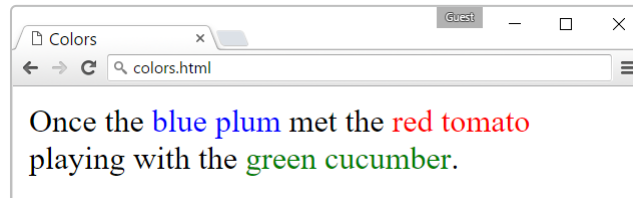
- *File name:* **contact.html**
- *Title:* Contact Us
- *Large heading:* Contact Us
- *Form:* holding three elements
- *Textboxes:* Two text boxes
- *Button:* with text Submit

Hints

- For the form use `<form>...</form>`
- Inside the form place two textboxes using `<input type="text" />`
- Use `<input type="submit" value="Submit" />` for the button

9. Colors

Create a Web page like the screenshot:

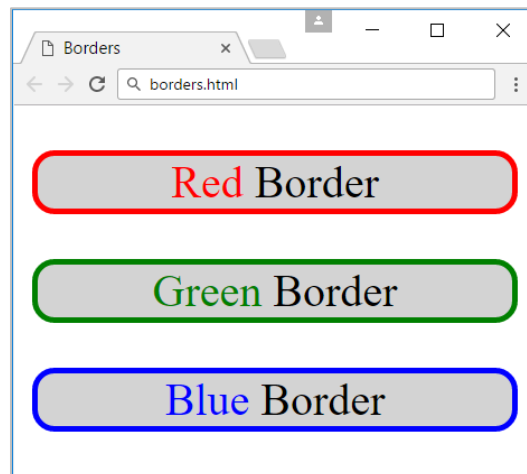


Hints

- Use a paragraph `<p>...</p>` to hold the text.
- Use `text` for the colored text

10. Borders

Create a Web page like the screenshot:

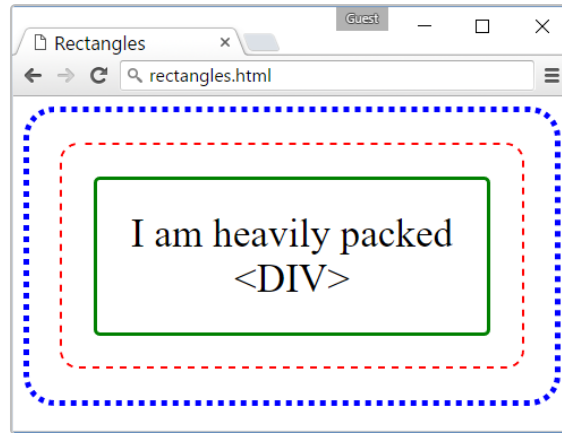


Hints

- Use three paragraphs `<p>...</p>` to hold the text
- Use `<p style="">...</p>` to style the paragraphs
- Use `text` for the colored text

11. Rectangles

Create a Web page like the screenshot:

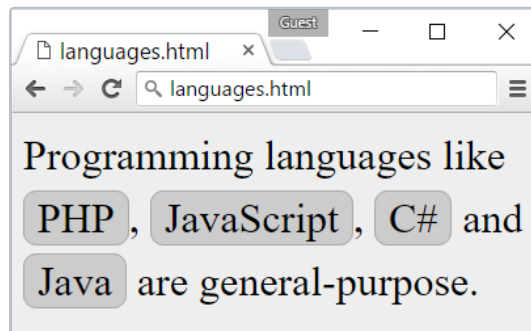


Hints

- Use 3 nested **<div>** elements
- **Outside div:** blue dotted border + border-radius + padding
- **Middle div:** red dashed border + border-radius + padding
- **Inner div:** green solid border + border-radius + padding + text-align + font-size
- Use **<** and **>** to escape the **<** and **>** characters in the text...

12. Languages

Create a Web page like the screenshot:



Hints

- Create HTML file **langs.html**.
 - Put the text in paragraphs and **...** tags.
- Create CSS file **langs.css**.
- Link the CSS file in the HTML header:
 - **<link rel="..." href="langs.css">**
- In the **body** CSS selector in the CSS class define:
 - **background:#EEE; font-size:24pt;**
- Define and use a CSS class **.lang** for styling the languages:
 - **Specify border:1px #AAA, border-radius, background:#CCC, padding**

*13. Contact Us Form

Create a Web page like the screenshot:

Contact Us

Hints

1. Create an HTML file **contact-us-form.html**, put appropriate **title**, put **“Contact Us”** heading.
2. Create the **HTML code** to display the form and its fields:

```
<form>
  <span>First name:</span>
  <input type="text" name="firstname">
  <br/>
  <span>Last name:</span>
  <input type="text" name="lastname">
  <br/>
  <span>Email:</span>
  <input type="email" name="email">
  <br/>
  <span>Town:</span>
  <select name="town">
    <option value="1">Stockholm</option>
    <option value="2">Göteborg</option>
    <option value="3">Malmö</option>
  </select>
  <input type="submit" value="Submit">
</form>
```

3. In the **CSS file** put some styling to make the for look like at the above screenshot. First define the form background styling:

```
form {
  background: #eee;
  display: inline-block;
}
```

4. Style the **labels** before each form field. They stay in a **...** tags. Use styling like this:

```
form span {
  display: block;
  width: 80px;
  background: #eee;
  margin: 10px 3px 3px 8px;
}
```


5. Now style the `<input>...</input>` and `<select>...</select>` fields:

```
form input, form select {
  width: 150px;
  height: 20px;
  margin: 0px 5px;
  box-sizing: border-box;
}
form select {
  margin: 1px;
}
```

6. Finally, style the “**Submit**” button:

```
form input[type='submit'] {
  display: block;
  margin: 10px 0px 12px 40px;
  width: 80px;
  height: 30px;
}
```