

More HTML

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Images

Images are displayed using the `` tag

All images you use should reside in the same folder as your HTML files (for now)

```

```

`src` stands for **source**, the location of the image relative to the HTML file

`alt` stands for **alternative text**, what is displayed if the image cannot be found

Web browsers do not resize images, you must do so yourself

- We will learn how to do this later

Practice

Place at least 3 images into your essay

Steps:

- Download your images from Google
- Rename them to more friendly names: e.g. mountain.jpg
- Insert the image using an `` tag

Once completed, see `class1_ex3.html`

URLs

Two types – **Absolute** and **Relative**

An **absolute URL** contains all the information necessary to locate a resource

- `http://github.com/DavidLu1997/gogogo.git`

A relative URL identifies a **resource** depending upon a **base URL**

- By **constructing** it from a base URL

URLs are based upon **directories** (or folders) with a hierarchy

Constructing Relative URLs

All directories are separated by /

.. Goes up a level

. Stays in the current level

FolderName goes to that directory

Examples:

- ../pictures/hello.jpg
- /html/howdy.html
- ./html/howdy.html

URL Practice

Write out the relative URLs to get to:

class1_ex1.html from notes

Forest.jpg from homework

1_webdev_class1.zip from
class1

```
C:\Users\david\Dropbox\teaching\content\webdev>tree /f
Folder PATH listing
Volume serial number is B0B3-2A46
C:.
  webdev_students.xlsx
  examples
  |   class1
  |   |   class1_ex1.html
  |   |   class1_ex2.html
  |   |   class1_ex3.html
  |   |   dl_class1.html
  |   |   forest.jpg
  |   |   mountain.jpg
  homework
  |   1_webdev_homework1.docx
  |   1_webdev_homework1.pdf
  notes
  |   0_webdev_outline.pdf
  |   0_webdev_outline.synctex.gz
  |   0_webdev_outline.tex
  |   1_webdev_class1.pdf
  |   1_webdev_class1.pptx
  |   2_webdev_class2.pptx
  zipped
  |   1_webdev_class1.zip
```

Lists

Two types, **unordered** and **ordered**, examples:

- This is an unordered list
 - 1
 - 2
1. This is an ordered list
 2. 1
 3. 2

An unordered list starts with the `` tag

An ordered list starts with the `` tag

Every item in either list starts with a `` tag

List Types

Specified as type="TYPE"

- `<ul type="circle">`

Unordered list types:

- `disc` – Bullets (default)
- `circle` – Unfilled circle
- `square`
- `none` – No marks

Ordered list types:

- `1` – Numbers (default)
- `A` – Uppercase letters
- `a` – Lowercase letters
- `I` – Uppercase Roman Numbers
- `i` – Lowercase Roman Numbers

Practice

Create an unordered list of your favourite foods

Create an ordered list of your favourite games

Create an unordered list with a type of your favourite movies

Create an ordered list with a type of your favourite activities

See `class2_ex1.html`

Tables

A **table** is represented by the `<table>` tag

Tables have **rows** and **data**

Rows are represented by the `<tr>` tag

Data is represented by the `<td>` tag

Every row should have the same number of data elements

The first row can be a heading: `<th>` instead of `<td>`

A table can be given a border by specifying the attribute `border="1"`

We will learn more about tables when we do CSS

```
<table>
  <tr>
    <td>Column 1</td>
    <td>Column 2</td>
  </tr>
  <tr>
    <td>Data 1</td>
    <td>Data 2</td>
  </tr>
</table>
```

Practice

Make a table to record the marks of your fellow students

It should have 3 columns

- Name
- Email
- Mark

It should contain 3 more rows, for 3 of your fellow students

See `class2_ex2.html`

Symbols

To display special symbols in HTML, use `&CODE;` where code is a string of numbers/characters

- Look up codes

For example:

- `€` - Euro sign
- `Δ` - Delta
- `©` - Copyright
- `™` - Trademark
- `♥` - Black heart

See `class2_ex3.html`

Quiz Time!

You have 10 minutes to replace **BLANK** with the correct word and submit this to @homeworkbot

HTML elements must have a **BLANK** and a **BLANK** tag. Images are inserted using the **BLANK** tag. The href attribute specifies a **BLANK**. An example of an absolute URL is **BLANK**. An example of a relative URL is **BLANK**. Ordered lists default to type=**BLANK**, unordered lists default to type=**BLANK**. A table's rows is defined by the **BLANK** tag. A form should usually have a **BLANK** button.