

Semantic elements, image and anchor tags

These exercises aim to give you a basic understanding of HTML semantic elements, image and anchor tags. They also aim to give you some more practice with using the Git version control system.

Exercise 1

1. Create a new, empty repo on <https://github.com> called "html-semantics-exercise".
2. Use Git to clone or add the repo as a remote:

Quick setup — if you've done this kind of thing before

or **HTTPS** **SSH**

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# game-book-adventure" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/theresebarmer/game-book-adventure.git
git push -u origin master
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/theresebarmer/game-book-adventure.git
git push -u origin master
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Import code

3. Open the repo folder in **WebStorm** by clicking **File->Open**. Choose the folder where your repo is located in the window.
4. Recreate the page below by using the following HTML semantic elements:
 - o **header**
 - o **nav**
 - o **main**
 - o **article**
 - o **section**
 - o **aside**
 - o **footer**



Header

- [Menu Option 1](#)
- [Menu Option 2](#)

Article #1

This is the first article.

Article #2

This is the second article.

Aside

Footer

Exercise 2

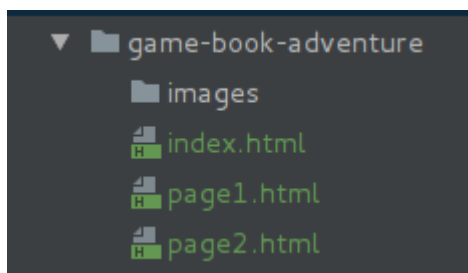
In this exercise you will create a simple website, in the form of a classic game book adventure. They work something like this:

A dark hallway extends into the unknown. You can just make out the outline of a door to your left.

To try the door, go to page 43. To fumble down the hallway, go to page 231.

You are now going to **emulate the same thing**, but using a **website with links** instead of a **book with page-turning instructions**.

1. Create a **new, empty** repo on <https://github.com/> called "game-book-adventure".
2. Use Git to clone or **add** the repo as a remote.
3. Open the repo folder in **WebStorm** by clicking **File -> Open**. Choose the folder where your repo is located in the window.
4. In the **game folder**, create an **images folder** and an **HTML file per page**. So if you plan on having three pages, there should be three **HTML files**. The first should be called **index.html**. The folder structure should look like this:



5. Create a **basic HTML structure** for your pages. They should **all** contain:

- a **header** section with the name of your game book adventure (Example: The Knight's Quest, Dragon's Lair etc)
- a **main** section where your text and image of the current page is visible
- a **navigation** section, perhaps a **list** with available options
- (A good tip is to check out the [MDN element reference](#), particularly the **Content sectioning** part)

Exercise 3

In this exercise you will create a simple form which will post its content to the Edument demo site. It is up to you if you want to push your project to a Github repo or just save it locally.

1. Create a **form** where the user can enter the following information:
 - First name
 - Last Name
 - Address
 - Zip
 - City
2. This means adding five **inputs**, with corresponding **labels**.
3. Add a **name** attribute to each of the **inputs**. It should look something like this:

```
<label for="firstname">First name: </label>
<input id="firstname" type="text" name="firstname">
<label for="lastname">Last name: </label>
<input id="lastname" type="text" name="lastname">
<label for="address">Address: </label>
<input id="address" type="text" name="address">
<label for="zip">Zip Code:</label>
<input id="zip" type="text" name="zip">
<label for="city">City:</label>
<input id="city" type="text" name="city">
```

4. The **form action** should be <http://demo.edument.se/HttpPost/Index> and the **method** should be **post**.
5. Add a **submit button** in your form. When clicking it you should be redirected to the Edument demo site, where the information you

submitted in the form will be visible:



Index

First Name = Jane
Lastname = Doe
Address = Right Street 23
Zip = 12435
City = Winchester

Stretch task

In this exercise you will create a Wikipedia search site.

1. Use the following code and fill in the blanks in the **label** and **input** elements:

```
<form id="order" action="http://en.wikipedia.org/w/index.php">  
<label></label>  
<input>  
</form>
```

It should be possible to enter text in the input, hit "Enter", and then be redirected to the relevant Wikipedia article.

Material feedback

We continuously strive to improve our course material. If you have found typos, bugs, experienced the exercises to be unclear or if you have other suggestions on how we could improve our course material, please visit the following link and fill out a short for this module survey:

<https://www.surveymonkey.com/r/3PCXSXT>