

# Web Development Fundamentals

## Lab 03

### Tables, Links

#### Objective:

The purpose of today's lab session is to create various web pages that will provide experience with tables and links.

#### File Submission

On or before the due date on Moodle, zip your folder lab03 into lab3<studentnumber>.zip and submit to Moodle.

Ensure that all exercises are working correctly in the lab03 folder before submitting.

#### Files to submit –

Create 2 folders in lab03 called ex1 and ex2

#### Ex1 folder

This folder should have the following files:

index.html, products.html, stores.html, contact.html, index.css, images folder with appropriate image.

#### Ex2 folder

This folder should have the following files:

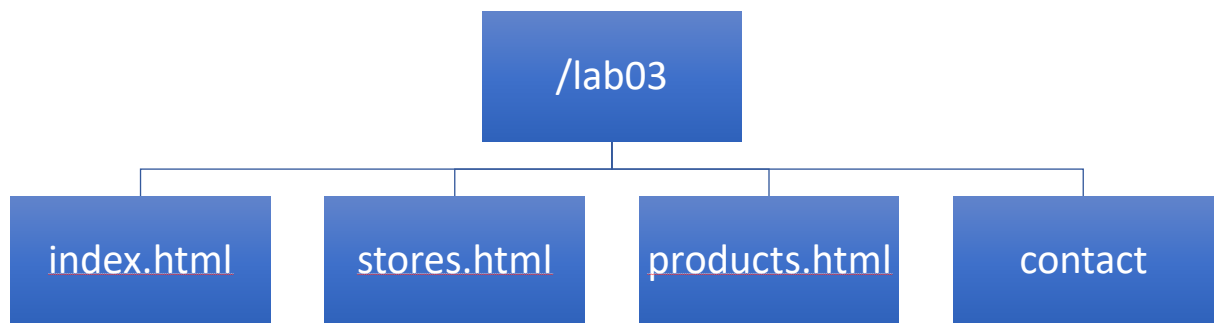
Lab03ex2.html, table.css

## Exercise 1: Links

In this exercise, you are going to create 4 web pages and link them together.

**Ensure that you create your own unique pages with images that you alone have selected from the Internet.**

**The Argos solution is a sample solution – please do not use Argos images**



1. Create a (skeleton) web page and save it as *index.html*.
2. Put an appropriate `<title>` on the page
3. Create a heading level 1. – HOME PAGE
4. Select a company image from the Internet  
Save it to the lab3 folder.  
Add the company image.
5. On your HOME page, create 4 internal links to connect each of the 4 web pages – *index.html*, *stores.html*, *products.html*, and *contact.html*.  
Use the words – Home, Stores, Products and Contact.
6. Put a horizontal rule under the links.
7. Put in another horizontal rule.
8. Put in text – copyright – and copyright symbol at the bottom of each page. Copyright is in small print.
9. Save *index.html* as *stores.html* and *products.html* and *contact.html*. You have now made copies of the page, which contains, the links, the image, horizontal rule and copyright.
10. Check that you can click from one page to the next.
11. On the HOME page – add an image of your selected company and create an external link to **the company that you have selected, eg [www.amazon.com](http://www.amazon.com)**.
12. On the STORES pages – list the location of 3 stores. Use line breaks.

13. On the PRODUCTS page – show images and prices for 5 items. Show them in alpha order. Use the euro signs. Use **non-breaking spaces** to put the price a slight distance away from the image. Look at the image of the PRODUCTS page.
14. On the PRODUCTS page – create an “**A – E**” list that the user can click on to view each object. (Use Bookmark links here – Refer to lecture 3a, slide 43)
15. On the CONTACT page – create an **email link** and provide your email address so that when clicked the ‘email to’ page is displayed.
16. Add the **same style sheet - index.css** to each webpage.

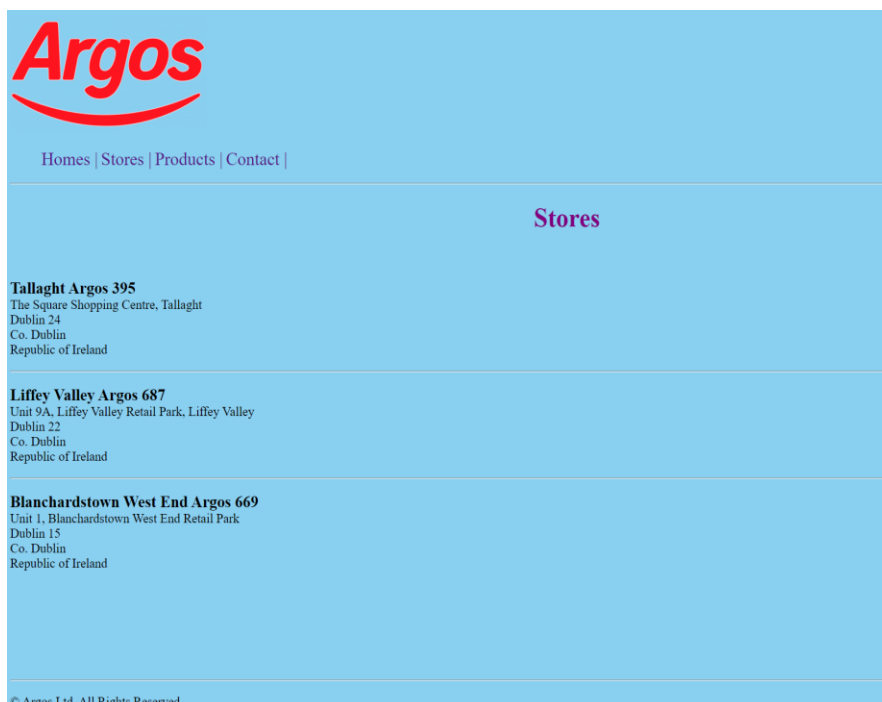
# Sample Solution

(Do not use Argos for your sample website)

## Home Page



## Stores Page



# Products Page




Homes | Stores | Products | Contact |

Products


A | B | C | D | E |

A




€400

B



€60

# Contacts Page



Homes | Stores | Products | Contact |

Contact Us

We are recruiting now

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## Exercise 2: Tables Exercise - Lab03ex2.html

The purpose of this exercise is to create a table within a web page.

- Download Html Template from Moodle
- Open this file in Brackets and save as lab03ex2.html
- The title should be "Tables Example"
- In the head, link the lab3ex2.html document to the table.css stylesheet using the following methods:  
`<link rel="stylesheet" href="table.css">`
- Using the `<table>`, `<tr>`, `<th>` and `<td>` tags, create a replica of the table displayed below

| Name    | Age | Location |
|---------|-----|----------|
| Mary    | 8   | Dublin   |
| William | 10  | Cork     |
| Luke    | 5   | Galway   |

- Use the notes from the lecture to guide you in this.
- Remember that you must set your borders in your CSS file for them to display.

```
table, th, td {  
    border: 1px black solid;  
}
```

- Copy and paste the contents of your document into the HTML validator at <https://html5.validator.nu> and ensure there are no errors in your code.
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