ECS417U Lab Sheet
Topic 2 - HTML Basics

Exercise 1

1. Create a simple HTML web page using a text editor, and view it from your Web browser. This web page should display "My Three Paragraphs" on the title bar and three paragraphs (each paragraph should only contain a few words or text) in the browser display window. Write the HTML markup so that there is more vertical space between the second and third paragraphs than there is between the first and second.

2. Make your document accessible to others by putting it on the OpenShift web console. Make sure that you can view it from your web browser.

Exercise 2

Write HTML markup that displays the following line:

The lecturer said: "We have a pair of variables <a, b> where a>b".

Exercise 3

1. Write a short HTML document to describe an ordered list of your five favourite movies (the most favourite one is put on the top of the list).

2. Add a nested, unordered list of at least two actors and/or actresses in the listed movies to each element of the list above.

Exercise 4

Write a short HTML document that demonstrates the six different heading elements, which should also include normal paragraph text. Compare the fonts used for the various headings with the default font used for paragraph text in your web browser.

Exercise 5

Write a simple personal webpage using HTML5 markup. The file should be named my_homepage.html and stored under your 'topic2' directory within your webroot folder (so that it can be accessed at <URL>/topic2/my_homepage.html). The web page should be as similar to the example shown in figure 1. The webpage should demonstrate the use of HTML5 semantic structure elements , such as :
- <header>
- <hgroup>
- <nav>
- <article>
- <section>
- <figure>
- <figcaption>
- <footer>

It is very important that you get in the habit of using semantic markup, as it adds meaning to your content , however it has no visual impact.

The webpage must also display three types of links (e.g. a link to an external site, a link to other pages or resources within the current site and a link to other places within the current page). Note that you also need to write a file named "my_CV.html" which contains a couple of lines about yourself and upload it to your 'topic2' folder . It should be displayed when the link under My CV is clicked.
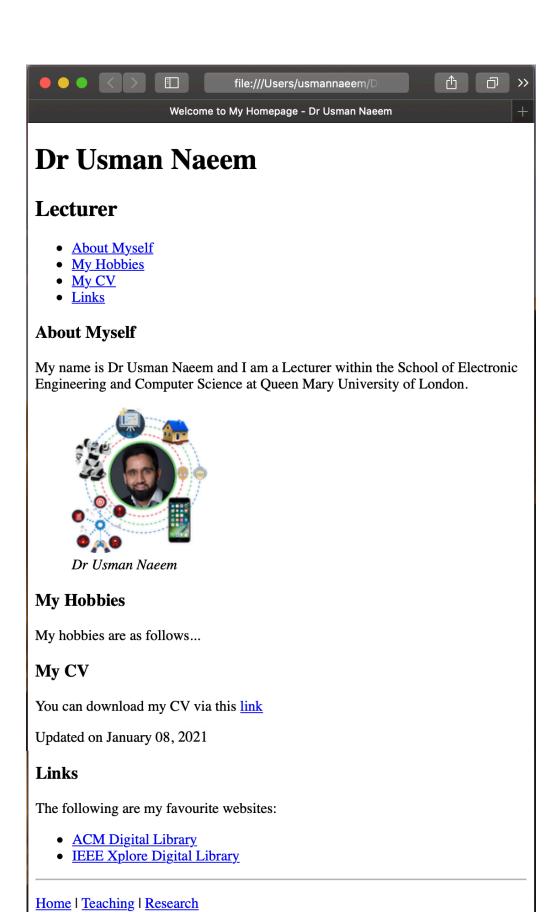
Dr Usman Naeem

Lecturer

- [About Myself](#)
- [My Hobbies](#)
- [My CV](#)
- [Links](#)

About Myself

My name is Dr Usman Naeem and I am a Lecturer within the School of Electronic Engineering and Computer Science at Queen Mary University of London.

Dr Usman Naeem

My Hobbies

My hobbies are as follows...

My CV

You can download my CV via this [link](#)

Updated on January 08, 2021

Links

The following are my favourite websites:

- [ACM Digital Library](#)
- [IEEE Xplore Digital Library](#)

[Home](#) | [Teaching](#) | [Research](#)

Copyright © 2021 Dr Usman Naeem

FIGURE 1

Marking Criteria

The assessment for topic two is based on **Exercise 5**.

Assessment Criteria 1
Evidence of semantic structure elements

Marks breakdown

0 mark	No evidence of elements
2 marks	One to two elements
4 marks	Three to four elements
6 marks	Five to six elements
8 marks	Seven to eight elements

Assessment Criteria 2
Evidence of three types of links created (e.g. a link to an external site, a link to other pages or resources within the current site and a link to other places within the current page)

Marks breakdown

0 mark	No links created
2 marks	One link created
4 marks	Two links created
6 marks	Three links created

Assessment Criteria 3
The structure of the developed webpage should be similar to the example given in the practical worksheet

Marks breakdown

0 mark	No similarity
2 marks	Partially similar
4 marks	Similar

Assessment Criteria 4
My_CV.html created and appears when the My CV link is clicked

Marks breakdown

0 mark	Link not created
1 mark	Link created, but does not work
2 marks	Created and works