

Medical Informatics (BIOM9450)

Tutorial 3: HTML

Due 5 pm, 14th October, 2021

Submit all source code as a single .zip file to Moodle.

Objectives

This tutorial serves as an introduction to HTML Web design. It assumes you will use the Dreamweaver Editor but this is not mandatory.

Background

In order to complete this tutorial, you will need to create a drive mapping to the Web server established for this course. **Click on ‘START’ then click ‘Computer’ and from Menu Bar choose ‘Map network drive’.** Select the G: drive and map to \\engpwws005\z9999999\$ where z9999999 is your student number. Note that the ‘\$’ character is required. You may choose to check the ‘Reconnect at logon’ box so this doesn’t need to be repeated each time you logon. You will need to save any future HTML or HTM files to this newly mapped drive.

To access your html files use URL [http://engpwws005/z9999999\\$/filename](http://engpwws005/z9999999$/filename) where again z9999999 is your student number. From internet explorer, you will need to enter this URL to view your HTML files. **Do NOT serve the pages using file:// instead of http:// as various HTML features won’t work.** This especially applies for future tutorials using Javascript and PHP.

Select the Dreamweaver editor from the Start menu. Read the on-line help and attached photocopies to gain familiarity with the editor. You should take the guided tour in the help menu and possibly consider doing the tutorial lessons. There are a considerable number of features that you will not need at this stage, but will possibly use in later tutorials when you create dynamic web pages.

Tasks

1. Create a web page for a fictitious upcoming workshop on health messaging and coding of disease classification. Your page should include:
 - Workshop name along with an image/logo at the top of the page
 - Venue information and a call for abstracts
 - A *link* to a page including a *table* showing the workshop programme, Make up a number of talks on coding and classification systems for medical data (e.g. SNOMED, ICD-9, ICD-10-AM, Read, ICPC, DICOM, etc.) and on messaging standards (e.g. FHIR, HL7, Continua Alliance, ISO/IEEE 11073).
 - Contact information including an email contact address as a link
 - Include in the workshop program details of two plenary sessions on coding and classification of medical information using ICD-10-AM and on health messaging and standards using HL7. As such, include a link that describes in several paragraphs details of HL7 as well as several paragraphs on ICD-10/ICD-10-AM. Note – this information should be researched *and understood* as understanding this material is part of the course curriculum (and is assessable)! So do NOT just copy and paste a paragraph from the web.
2. Code should be well formatted and well commented.
3. Use your imagination for the Web page however make sure that you *employ the use of a style sheet* as part of the design. Marks will be deducted if you do not.
4. Any information, code, images, logos, styles that have not been developed by you should be cited appropriately and visibly on the webpage.