# HTML & CSS Task

## 2 Column Layout, Background Images, Navigation Rollover Images, Horizontal Lists and Vertical Lists



## Preparation

1   Your client asks you to code a sample page for the re-design of the Dangerous Grimorous site

2   Observe your teacher's orientation for this task – the information files and the web images, etc

3   Copy the **dangerous grimorous** folder to your disk space

4   Create the standard website folder structure and move files into their appropriate folders

5   Copy the html and css template files to the **www** folder and rename these files
    –   the filename for the html page is _____ .html and the filename for the css file is _____ .css

6   Open both files in your preferred text editor software **and link** the files

7   Artwork for the new design is provided in digital format – open this file in Photoshop to determine widths, font colours, etc

8   A printed version of the artwork is also provided at the end of this tasksheet

## HTML coding

1   Code to **html5 standards** and **css3 standards** with validation at **W3C**

2   Add text between the <title> tags in the <head> section of your file – suggested text is **Dangerous Grimorous, a Guide to the Other World Online Game**

3   Locate the meta tag for ˙author˙ and insert your name and contact details where indicated
    **Note**:  the coding pattern is <meta name="author" content="your name, your contact details, etc">

4   Open the **page structure diagram** then insert/modify the structural tags as indicated

5 Insert the code for the logo image

6 Images are provided for the primary navigation – code these images into an unordered list with suitable links
**Note**: some of these navigation buttons have different widths. View the image properties to locate each width

7 Open **content.doc** and copy the content between the correct tags in the html file

8 Apply semantically-correct coding to this data

9 The links for the main container are provided in the **content.doc**

  a hover over each link to view the filename it is linked to then right-click>Edit Hyperlink and copy the html filename **only** – it is located at the end of the link, eg companions.html, script.html, etc

  b all links are relative links except the last link – the last link is an absolute link

  c insert the html link coding

  d identify the difference between the relative links and the absolute link

    _____

10 The links for the footer container follow a similar pattern

11 **Validate** your html file before progressing to the css coding

# CSS coding

1 The font hierarchy for the <body> tag is helvetica then arial and then the default computer font
  – circle the correct default computer font for this hierarchy ... **serif** or **sans-serif**

2 The font colour for the <body> tag is #dfd9cd (off-white)

3 Open **css coding for background images** and refer to it for the next steps

4 The background image for the <body> tag

  a displays the body bg image

  b does not repeat – zoom the browser display (Ctrl - and Ctrl +)

  c has a background colour in the event that the image display is interrupted

  d has a background position to place it at the top centre of the browser window

5 The background images for the wrapper container and the footer container

  a do not repeat – zoom the browser display (Ctrl - and Ctrl +)

  b have a background colour applied to the container in case the image is not displayed

6 Apply suitable widths and margins to the wrapper container **and** the inner-wrapper container

7 Primary navigation

  a insert a display flex rule for the #primary unordered list

  b switch to the html file, open **javascript code.pdf** and apply the instructions to display the 'over' images when the mouse moves over each navigation image

  c display the css file again

8 Remove the small gap below the logo image – apply a vertical-align rule to this image (the value is bottom)

9 Apply a display flex rule for the two-column content – **ask** your teacher if you are unsure

10 The default colour for all links in the main container is indicated in the artwork

11 There is no underline on all the links throughout the web page ( text-decoration: none; )

12 The hover colour for all text links is in the artwork. It is indicated in the last item of the second column. Also apply this hover colour to the footer links

13    The last **list** item in the second column of the main container has a larger top margin/padding than the other list items in this unordered list – insert a suitable id and value in the html then apply css that targets this id

14    The last **link** in the second column of the main container has a larger text size

15    Apply additional css code to match the artwork

16    Test in a range of browsers to ensure consistent display of the web page items

17    **Validate** your html file and css file regularly

18    Amend your files if necessary