

# CE206 – HCI & Visualization

Spring 2019

## LAB 5 – Production Environment

This document shows you how to upload files to the csee webserver. This is intended for you to use as a production environment, ie where you will deploy your finished website to. The website will not be visible outside of the University domain therefore some of the automatic testing tools will not work.

All files for this lab are to be downloaded from Moodle:

<https://moodle.essex.ac.uk/course/view.php?id=3649>

### Uploading your code to the webserver:

On lab machines, there should be a w: mapped drive. Drop your html/php files (etc) into the w:\ce206 folder. On systems where the w: drive is not automatically mapped it should be possible to browse in windows file explorer to [\\cseemyweb\myweb\ce206](#) Note that unfortunately it is not possible to save to this drive from off campus.

You can view your website (change “username” for your username) on a web-browser at:

<http://cseemyweb.essex.ac.uk/~username/ce206>

Check this works by saving a index.html file into your w:\ce206 folder, and then browse to <http://cseemyweb.essex.ac.uk/~username/ce206/>

Now check PHP files work by deleting the index.html file and uploading the index.php file into the w:\ce206 folder, and then browse to <http://cseemyweb.essex.ac.uk/~username/ce206/>

If you've got this far, then congratulations, you can now deploy html and php pages.

NB: Any html or php file named “index” will appear at the root folder level of the URL ie:

<http://cseemyweb.essex.ac.uk/~username/ce206/index.html>

<http://cseemyweb.essex.ac.uk/~username/ce206/>

...will appear the same. If you have index.html and index.php files in your directory, the html file will be read first.

### Using PHP to structure your website:

Now you can deploy to a PHP enabled server you should consider breaking apart your HTML files into logical, non-repeated sections. For example, it is common to separate the HTML header and navigation into a header.php file and the code after the content into a footer.php file and place them in a subdirectory called “inc”. This allows the content to be separated from the structure. For example in a file called “about.php” you would call the header and footer:

```
<?php include("inc/header.php"); ?>
echo "This is some content for the About page";
<?php include("inc/footer.php"); ?>
```

See the example structure files on Moodle to get you started.