**F28WP Web Programming - Assignment 1**

**Submission Deadline: Wednesday 31st October 2018 at 14:30 o'clock**

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| **Student Name: Amaan Akram (H00272130 aa322)** |

**Tasks**

1. Go to <http://www2.macs.hw.ac.uk/~santiago/F28WP/sources/users.sql> to find the SQL statements to create the ‘*users’* table. Login to <https://www.macs.hw.ac.uk/phpMyAdmin> to create the ‘*users*’ table in your database.
2. Go to <http://www2.macs.hw.ac.uk/~santiago/F28WP/sources/myfirstcode_source.php> to find the source code of the *myfirstcode.php* script. Go to your public\_html directory and open a new file. Copy and paste this source code into your new file. Name it as *myfirstscript.php* and save it. Create a directory called uploads in your public\_html directory. Run *myfirstscript.php* on your browser to upload a file to your new uploads directory.
3. Modify your *myfirstscript.php* script to implement **three** of the following Web Scripting Best Practices (**WSBP**):
   1. Think Maintenance
   2. Write robust and small scripts
   3. A script should do one thing and do it well
   4. Open/Closed Principle
   5. DRY Principle

\* *Please ignore the commented section of your code, underneath "DATABASE CODE:"*

**Report** (Mark: Up to 5%)

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| **Accomplished Task (briefly describe / justify your answers if required)** | **Mark** |
| Student created the ‘*users’* MySQL table. | 1.0% |
| Your *myfirstscript.php* script is able to upload files.  URL: http://www2.macs.hw.ac.uk/~aa322/CW2/myfirstscript.php | 1.0% |
| **WSBP** **1** Justification: Think Maintenance: indented code, made it more readable, allows others to quickly understand what the code does | 1.0% |
| **WSBP** **2** Justification: Made the separate script for the loop, as each script should do one thing and do it well. | 1.0% |
| **WSBP** **3** Justification: DRY principle has been implemented as I have edited and improved given code so it works for me. | 1.0% |

**Submission: (Late submissions will only be accepted if you have provided a MC)**

Complete the above “Report” and upload it to VISION: F28WP\_2018-2019 (Web Programming) → Assessments → Coursework 2 → Assignment 1