420-P75-AB PHP PROGRAMMING **Test 1** **Date: March 19th, 2019**
This test is marked on 50. It is worth 25% of the course. **Time: 3.5 hours**
Good Luck!

Your task for this exam is to generate and preview mad libs created by users.
> M*ad Libs are a word replacement game where one player asks another for a list of words to substitute for blanks in a story.*

Provided on Léa is an sql file that you are to use for the test. Import the file using phpMyAdmin in your database *IPD16*. When submitting your test you should be using username *ipd* and password *ipdipd*.

Create a Folder named **mad** (*consider creating folder in htdocs !?*).

Inside this folder create, at least, the 3 following files: **create.php**, **index.php** and **listing.php**
You are allowed to create any other files you feel is necessary.

index.php should display the most recent mad lib saved in the database.

listing.php should provide a listing of all previously created mad libs in *desc*ending order using the *created* date as your *order by* clause

create.php should display a form that will ask for specific information to complete the mad lib and *post* the form data to the same page for validation.
The following are some of the validations expected of you:
> All fields are required and therefore should not be empty
> *Number* - should only accept numerical values
> *Person's Name* - should start with a capital letter
> *Holiday* - restricted to one of the following :
>> Valentine's Day, Mother's Day, Canada Day, Thanksgiving, Halloween
> *Plural Noun* - should end with an "s"

Once there are no errors, the information should be saved in the database and then you will use that submitted form data to generate the completed Mad Lib and show it to the user (*consider redirecting a page that already displays the most recent mad lib !?*).

Save all files, zip the **mad** folder and submit it to Lea in the Assignment section for Test 1.

Dear __*person's name*__ ,

Thanks for ordering via the __*colour*__ __*noun*__ Candy Company website.
Unfortunately, your __*food*__ flavoured snacks are not available because __*plural noun*__ accidentally fell into our mixer. We apologize for the inconvenience. Since you were ordering these for a party to celebrate __*holiday*__ , we are offering you __*noun*__ -shaped truffles at a discount of __*number*__ dollars instead.

Sincerely,
__*person's name*__ , __*occupation*__