

## *Math Online Problem Performance Evaluation Database (MOPPED)*<sup>1</sup>

### **Server Cloud**

System : CentOS Linux version 7  
Address: mathqs.mcdaniel.edu  
IP : 13.92.170.85

### **Server Access**

You can access the server remotely using Secure Shell ( with SSH protocol ) from a terminal. Type the command with your own account name, then hit enter<sup>2</sup> to see Password prompt. Entering the password followed by hitting <Enter>, you should get a command line prompt ready to accepting your next command. For example:

```
$ ssh username@mathqs.mcdaniel.edu <Enter>
```

Password:

```
Last login: Sat Dec 8 13:39:57 2018 from x-xx-xxx-xxx-xxx.xxx.md.comcast.net  
[username@MathQuestions ]$
```

### **Change Password**

Your account was created with the username being the first letter of your first name concatenated with your whole last name ( all letters are lower cases.) The tentative password was your username plus the three special symbols !@#. You can change your password by typing passed command in the terminal.

```
$ passwd <Enter>
```

Changing fgpasword for user username.

Changing password for username.

(current) UNIX password:

New password:

### **User Environment**

In a user's home directory, a subdirectory named public\_html can be created,

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<sup>1</sup>This is suppose to be a tentative acronym. We can always agree on a better one.

<sup>2</sup><Enter> represents the keystroke on an Enter or Return key.

and used as root directory to host user's personal webpage. This would be a good place to test web files before production. You can test it out by:

```
$ mkdir public_html
```

You can then create your own homepage files to be accessed from here. The address: <http://mathqs.mcdaniel.edu/~username>

You should change the permission of webpage files by:

```
$ chmod 644 <your_web_files>
```

## HTML

Now we can set out to pick up the tools we need to know. The question is: how to setup a webpage to display its content? The answer to that is using Hyper-Text Markup Language (HTML). A preliminary online tutorial would be a good starting point ( <https://www.w3schools.com> ). You can google around to find the ones you like. I also found a few books (that I know) are useful:

- Learning Web Design  
Jennifer Niederst Robbins  
ISBN: 978-1-491-96020-2
- Learning PHP, MySQL, JavaScript, CSS & HTML5  
Robin Nixon  
ISBN: 978-1-491-94946-7

I believe there are tones of resources out there. If you come across any interesting one, please share with everyone of us.

## Tentative Schedule

The tools we need to pick up are:

item	deadline
HTML	12/21/2018
CSS	12/28/2018
Javascript	1/11/2019
Server Side Stuff (php, MySQL)	1/25/2019