**Connect to MySQL database:**

1. Enter the sql container:

*sudo docker exec -it sql\_server bash*

1. Login:

*mysql -h 0.0.0.0 -u dbcontroller –p*

1. Enter password prompt will appear. Enter password and then you are good to go.

**To test new files on website**

(1 and 2 if container is already running)

1. First find the container ID of the webserver:latest container. This command will list the containers currently running. Find the ID associated with webserver:latest. It should be a bunch of letters and numbers.

*sudo docker container* *ls*

1. Then stop the container. (Only the webserver container. Leave sql\_server alone)

*sudo docker stop* ***CONTAINERIDHERE***

1. Enter the directory /var/www/html (May have to do "cd .." few times first to get to root directory first)

*cd /var/www/html*

1. Build new image while in /var/www/html directory

*sudo docker build –t webserver .*

(There is a period at the end of this command)

1. Now run new image to test container

*sudo docker run -it --link sql\_server -d -p 80:80 webserver:latest*

1. Should be good to go now. Test in browser