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## Essential Information to JupyterHub

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We use Jupyterhub as one of our teaching tools. The following stuff is what you need to know.

### Accessing JupyterHub

Remember the URL for our JupyterHub:

- Internal network
  - `http://172.16.199.168`
    - Use this in class,
- External network
  - Connect to UIC VPN with *AnyConnect* first.
    - Use this after class

### Usernames and Passwords

Your usernames follows the rule below.

- usernames will be student ID. E.g. 1930010001.

- All of your initial passwords are 88888888 (eight “8”s). **(Remember to change your password!)**

## Change Your Passwords

Since everyone have a same initial password, please change your own password as soon as possible.

- Login to JupyterHub by <http://172.16.199.168>

UICDS - pyHub

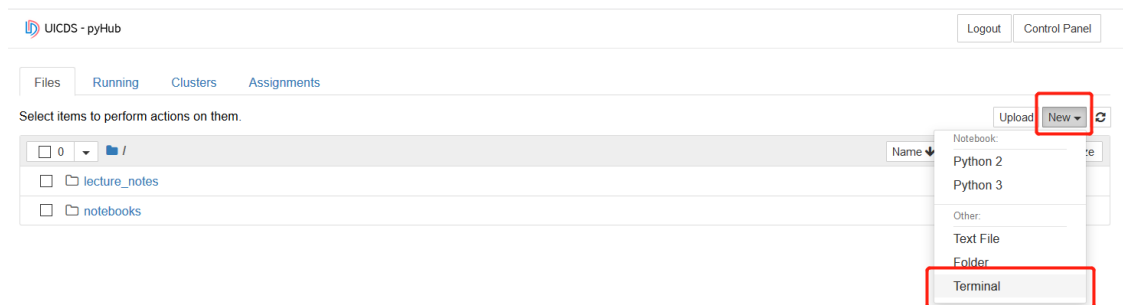
Warning: JupyterHub seems to be served over an unsecured HTTP connection. We strongly recommend enabling HTTPS for JupyterHub.

Username:  
1730026058

Password:  
88888888

Sign In

- 
- Click **New** menu, choose *Terminal* .



- 
- Type `passwd` command, following the guide to type current password, new password, and the new password.
  - When you type passwords, the screen will display nothing. This is normal on Unix-like OS.

```
UICDS - pyHub Logout Control Panel

$ passwd
Changing password for 1730026058.
(current) UNIX password:
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
$
```

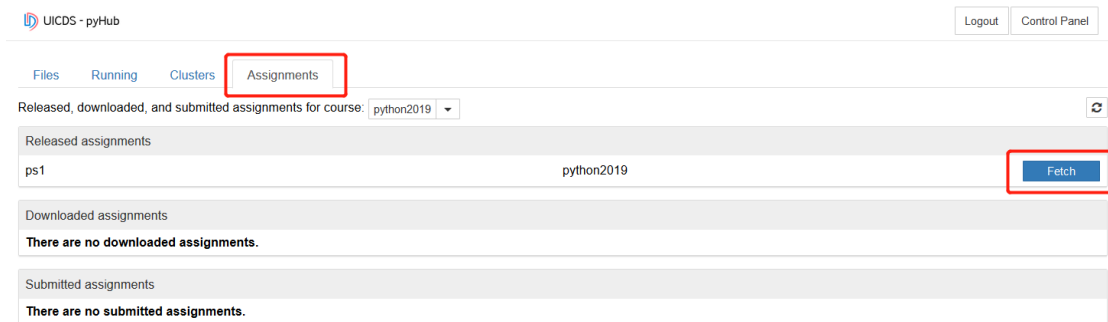
## Assignments Related

We use *nbgrader* to auto grade some of your assignments. Here is the guide for you to get and submit your assignments.

### Fetch Assignments

*Different from iSpace, the assignments on this course need to be fetched by yourselves.*

- Switch to **Assignments** panel, and click the **Fetch** button of one assignment.



- Switch back to *Files* panel, you will see a folder has the same name as the assignment, in this case is **ps1**.



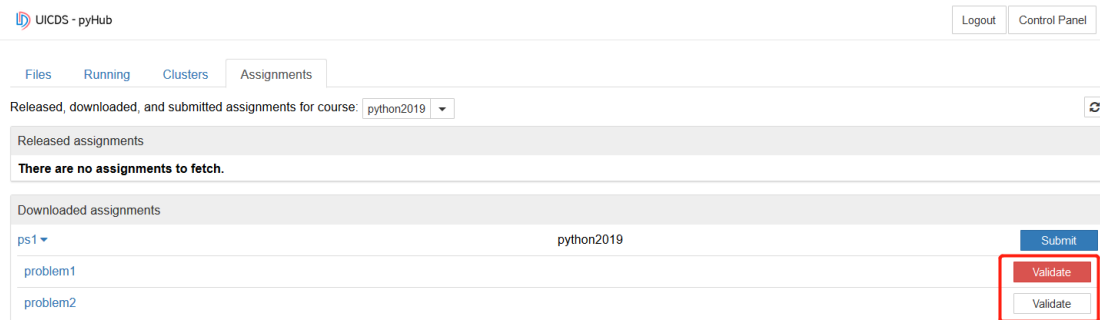
## Answer Assignment Questions

Find the mark *YOUR ANSWER HERE* and *YOUR CODE HERE* to answer your questions.

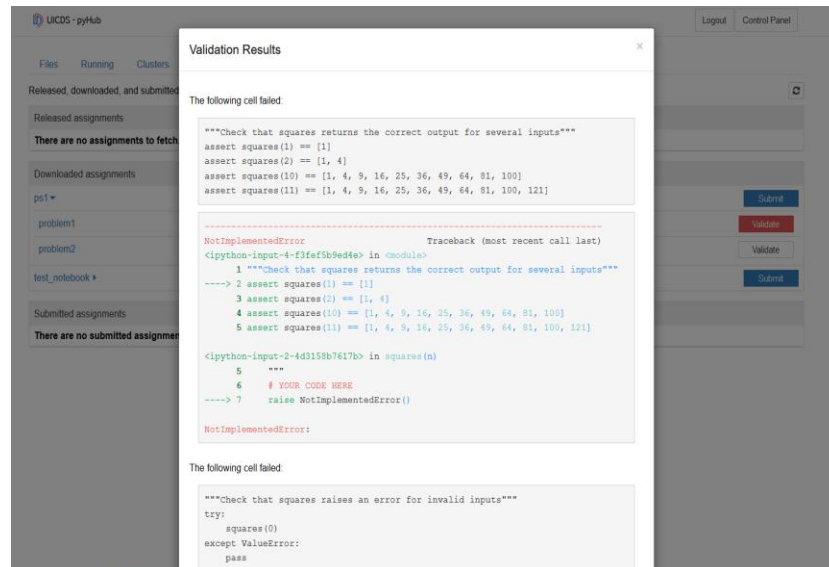
## Submit Assignment

Switch to *Assignments* panel, and click the *Submit* button of one assignment.

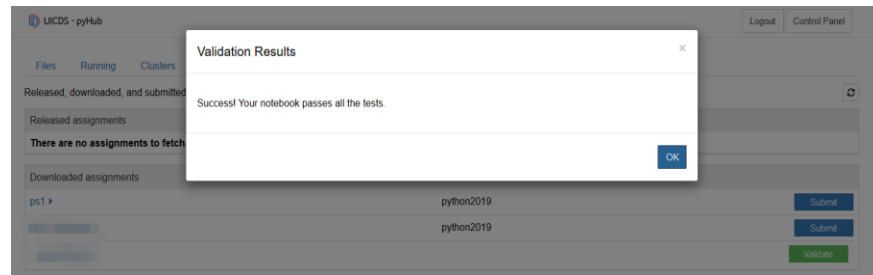
- Before you submit your assignment, you have a chance to validate your code is right or not



- Something wrong with your code



- Your code pass the test



!!!Passing all tests *does not mean* that you *get full marks* for your assignments.!!!

**You have to follow the Assignment Requirements to finish your assignments step by step.**

*You can submit your assignments repeatedly before the DDL, we will only take the last one to grade.*

UICDS - pyHub Logout Control Panel

Files Running Clusters **Assignments**

Released, downloaded, and submitted assignments for course: python2019

Released assignments

There are no assignments to fetch.

Downloaded assignments

ps1	python2019	<a href="#">Submit</a>
test_notebook	python2019	<a href="#">Submit</a>

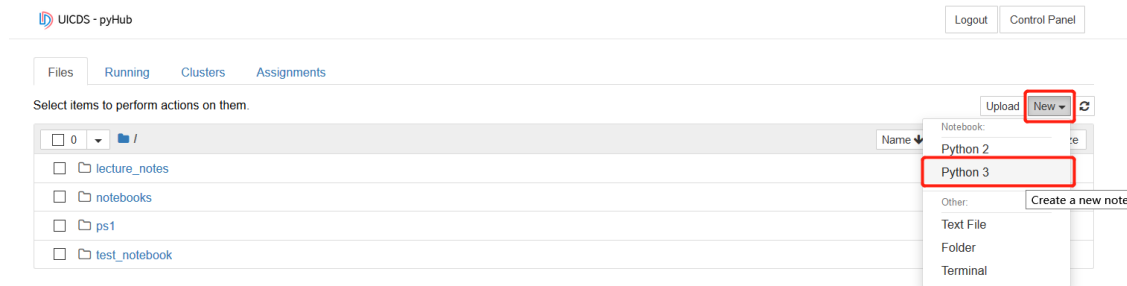
Submitted assignments

ps1	python2019	2019-02-14 16:29:48.375347 UTC
ps1	python2019	2019-02-14 16:29:46.860539 UTC
ps1	python2019	2019-02-14 16:29:46.531729 UTC
ps1	python2019	2019-02-14 16:29:46.367363 UTC
ps1	python2019	2019-02-14 16:29:46.060723 UTC
ps1	python2019	2019-02-14 16:29:45.770778 UTC
ps1	python2019	2019-02-14 16:29:45.461854 UTC
ps1	python2019	2019-02-14 16:29:45.164983 UTC
ps1	python2019	2019-02-14 16:29:44.868909 UTC

## Important notification

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We are using *Python3.7* for this course, so if you want to practice by your own, you have to create a *Python3* notebook, not the **Python2**!



Have fun and enjoy coding!