

CSC3100 Assignment 3 Submission Instructions

Step 1. Log in the server with “ssh -p 61000 [username]@10.26.1.65” or “ssh -p 61001 [username]@10.26.1.65”. Replace [username] with your user account.

```
[wenye@localhost ~]$ ssh -p 61000 liwenye@10.26.1.65
liwenye@10.26.1.65's password:
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-72-generic x86_64)
```

```
* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/advantage
```

System information as of Mon Nov 15 07:02:28 UTC 2021

```
System load:  27.72      Temperature:   44.0 C
Usage of /home: unknown  Processes:    55
Memory usage: 5%        Users logged in: 0
Swap usage:   0%        IPv4 address for eth0: 10.27.161.55
```

```
* Super-optimized for small spaces - read how we shrank the memory
  footprint of MicroK8s to make it the smallest full K8s around.
```

<https://ubuntu.com/blog/microk8s-memory-optimisation>

23 updates can be applied immediately.

To see these additional updates run: apt list --upgradable

```
Last login: Mon Nov 15 07:02:17 2021 from 127.0.0.1
liwenye@ds01:~$
```

Step 2. Create a directory called “assignment3” with “mkdir assignment3”.

```
root@ds01:/home/liwenye# pwd
/home/liwenye
root@ds01:/home/liwenye# mkdir assignment3
root@ds01:/home/liwenye# ls -l
total 10
drwxrwxr-x 2 liwenye liwenye 4 Oct 13 07:58 assignment1
drwxrwxr-x 2 liwenye liwenye 6 Nov 15 07:07 assignment2
drwxr-xr-x 2 root     root    2 Nov 30 14:06 assignment3
root@ds01:/home/liwenye#
```

Step 3. Change your working directory to `assignment3` with “`cd assignment3/`”.

Copy your assignment files into `assignment3` directory.

Compile your source code with “`javac`” command.

Check your files with “`ls -l`”. If the compilation is successful, you will see the “.class” files.

Test your program if necessary.

```
root@ds01:/home/liwenye# cd assignment3/
root@ds01:/home/liwenye/assignment3# pwd
/home/liwenye/assignment3
root@ds01:/home/liwenye/assignment3# ls -l
total 5
-rw-r--r-- 1 root root 109 Nov 30 14:08 Puzzle8.java
root@ds01:/home/liwenye/assignment3# javac Puzzle8.java
root@ds01:/home/liwenye/assignment3# ls -l
total 5
-rw-r--r-- 1 root root 420 Nov 30 14:09 Puzzle8.class
-rw-r--r-- 1 root root 109 Nov 30 14:08 Puzzle8.java
root@ds01:/home/liwenye/assignment3#
```

Finished.

Important notes:

1. Make sure your directory is correct. The directory name is **case-sensitive**. It is “assignment3”, NOT “Assignment3”, NOT “ASSIGNMENT3”... If the directory name is not correct, then the assignment will NOT be marked.
2. The server can only be accessed within campus network. If you are off campus, you need to use VPN to connect to the campus first.
3. Make sure the assignment is submitted before the deadline!