CSC3100 Assignment 2 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 "assignment1" with "mkdir assignment1".

```
liwenye@ds01:~$ cd ~/
liwenye@ds01:~$ pwd
/home/liwenye
liwenye@ds01:~$ mkdir assignment2
liwenye@ds01:~$ ls -l
total 1
drwxrwxr-x 2 liwenye liwenye 4 Oct 13 07:58 assignment1
drwxrwxr-x 2 liwenye liwenye 2 Nov 15 07:03 assignment2
liwenye@ds01:~$ █
```

Step 3. Change your working directory to assignment2 with "cd assignment2/".

Copy your assignment files into assignment2 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.

```
liwenye@ds01:~$ cd assignment2/
liwenye@ds01:~/assignment2$ ls -l
total 9
-rw-rw-r-- 1 liwenye liwenye 120 Nov 15 07:05 HuffmanCompression.java
-rw-rw-r-- 1 liwenye liwenye 122 Nov 15 07:05 HuffmanDecompression.java
liwenye@ds01:~/assignment2$ javac HuffmanCompression.java
liwenye@ds01:~/assignment2$ javac HuffmanDecompression.java
liwenye@ds01:~/assignment2$ ls -l
total 18
-rw-rw-r-- 1 liwenye liwenye 442 Nov 15 07:07 HuffmanCompression.class
-rw-rw-r-- 1 liwenye liwenye 120 Nov 15 07:05 HuffmanCompression.java
-rw-rw-r-- 1 liwenye liwenye 446 Nov 15 07:07 HuffmanDecompression.class
-rw-rw-r-- 1 liwenye liwenye 122 Nov 15 07:05 HuffmanDecompression.java
liwenye@ds01:~/assignment2$ █
```

Finished.

Important notes:

1. Make sure your directory is correct. The directory name is case-sensitive. It is "assignment2", NOT "Assignment2", NOT "ASSIGNMENT2"… 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!