



# Linux System and its Applications: Assignment-8

## (2022-2)

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Course / Class:	Linux System and its Applications Class 02
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Professor:	Yongseok Son
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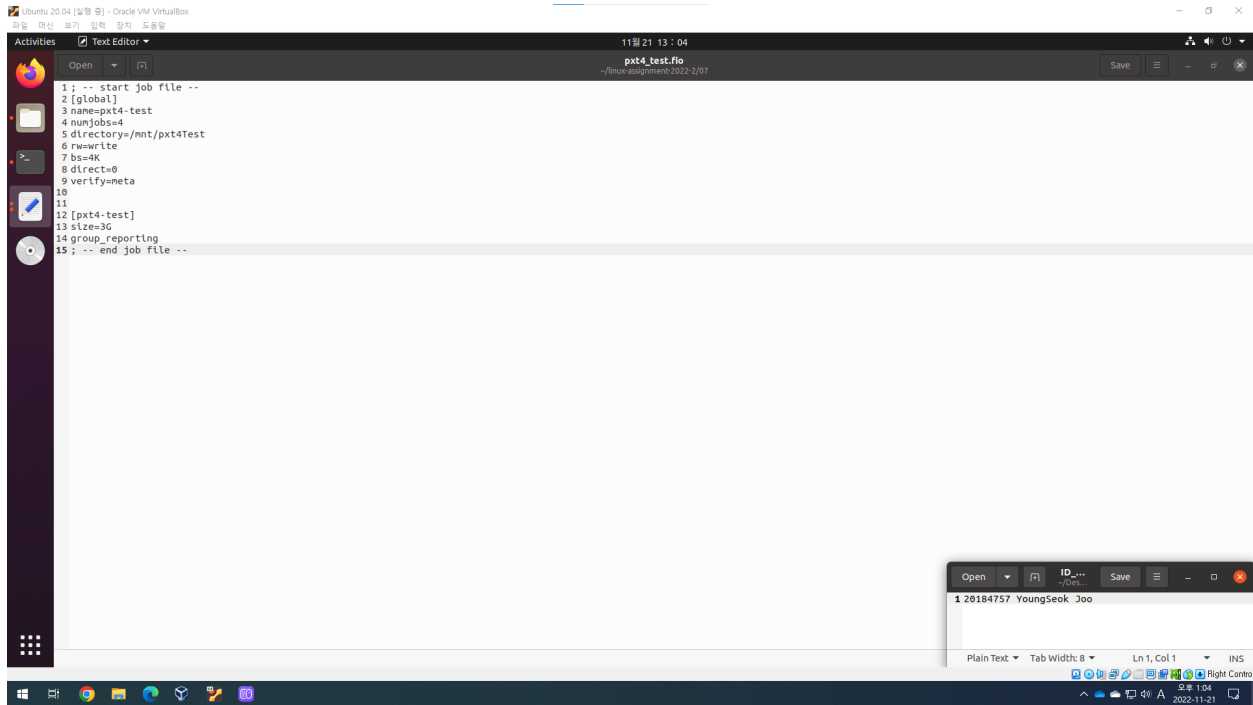
Submission Date:	2022. 12. 07
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Student ID:	20184757
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Name:	주영석
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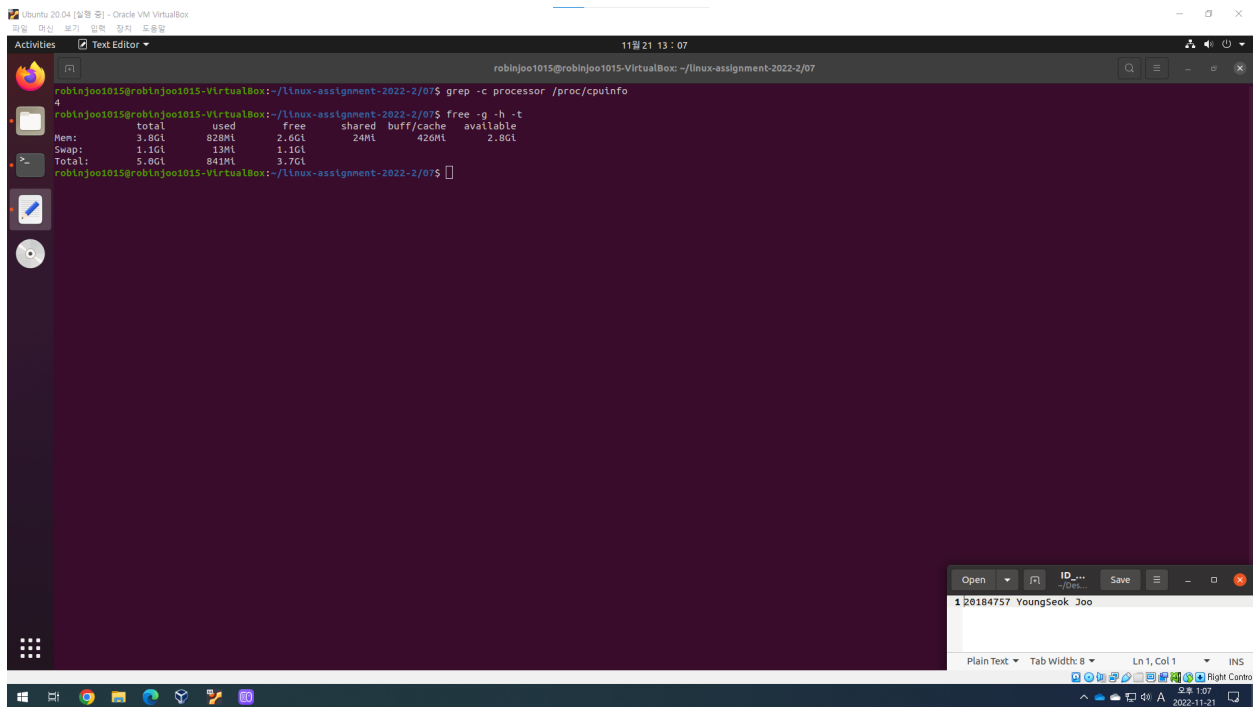
## 0. Fio script content used for the test (same with previous assignment)



The screenshot shows a text editor window titled "pxt4\_test.fio" with the following content:

```
1: -- start job file --
2 [global]
3 name=pxt4-test
4 numjobs=4
5 directory=/mnt/pxt4Test
6 rwwrite
7 bs=4K
8 direct=0
9 verify=meta
10
11
12 [pxt4-test]
13 size=3G
14 group_reporting
15; -- end job file --
```

### 0.1. CPU and RAM information (4 Core CPU, 4 GB RAM)



The screenshot shows a terminal window with the following output:

```
robinjoo1015@robinjoo1015-VirtualBox: ~/linux-assignment-2022-2/07$ grep -c processor /proc/cpuinfo
4
robinjoo1015@robinjoo1015-VirtualBox: ~/linux-assignment-2022-2/07$ free -g -h -t
total        used        free      shared  buff/cache   available
Mem:          3.8Gi 828Mi      2.6Gi          24Mi  426Mi      2.8Gi
Swap:          1.0Gi  39Mi      1.1Gi
Total:          5.0Gi 841Mi      3.7Gi
```

 Ubuntu 20.04 [실행 중] - Oracle VM VirtualBox

(last lines )

Ubuntu 20.04 [실행 중] - Oracle VM VirtualBox



Containing CPU id, function call counts, overall function call rate percentage