

COMP 3413 Operating Systems Lab 1 Hand-in

Moustafa

Family Name

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Given Name

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Mark:

20

1. Machine name: id415m14

id415m14

2a. Shell process ID: 6305

```
[mmoustaf@id415m14 Lab2]$ ps
  PID TTY          TIME CMD
 6305 pts/1    00:00:00 tcsh
 6393 pts/1    00:00:00 ps
```

2b. State of shell process: S (sleeping) it is waiting on data. The data might be in for of input for example. This allows other processes to take CPU time.

```
[mmoustaf@id415m14 Lab2]$ less /proc/6305/status
Name:   tcsh
Umask:  0022
State:  S (sleeping)
```

2c. Name and state of running process: Name: less. State: R (running)

```
Name:   less
Umask:  0022
State:  R (running)
```

3a. Download/compile/run os_info.c. OS field is?

```
[mmoustaf@id415m14 Lab2]$ gcc -o OSInfo os_info.c -Wall -I.
[mmoustaf@id415m14 Lab2]$ ./OSInfo
OS information
=====
      OS: Linux
Version: #1 SMP Wed Aug 10 16:21:17 UTC 2022
Release: 3.10.0-1160.76.1.el7.x86_64
[mmoustaf@id415m14 Lab2]$
```

3b. Modified os_info.c. (hand in). Hostname: id415m14.cs.unb.ca

```
[mmoustaf@id415m14 Lab2]$ ./OSInfo
OS information
=====
      OS: Linux
Version: #1 SMP Wed Aug 10 16:21:17 UTC 2022
Release: 3.10.0-1160.76.1.el7.x86_64
Hostname: id415m14.cs.unb.ca
[mmoustaf@id415m14 Lab2]$
```

4. myshell.c. (hand in)