

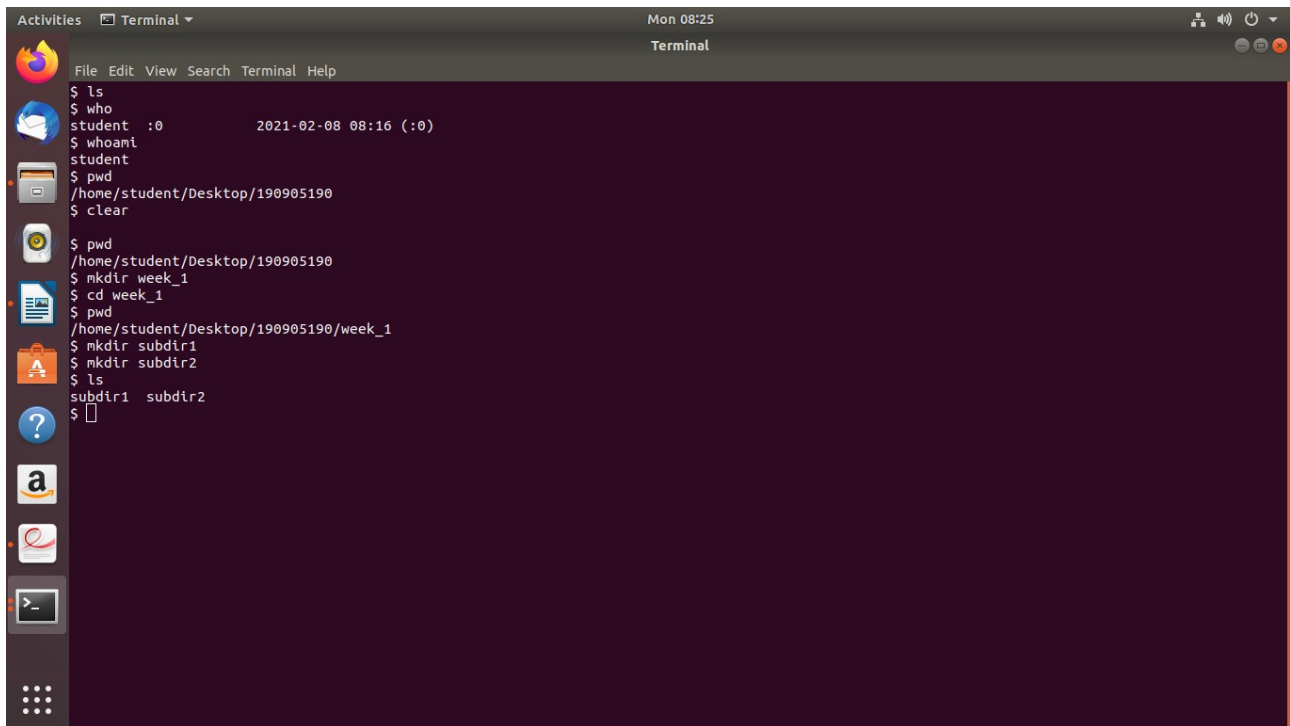
OST Lab

Week 1

Lab Exercises:

1)

i)

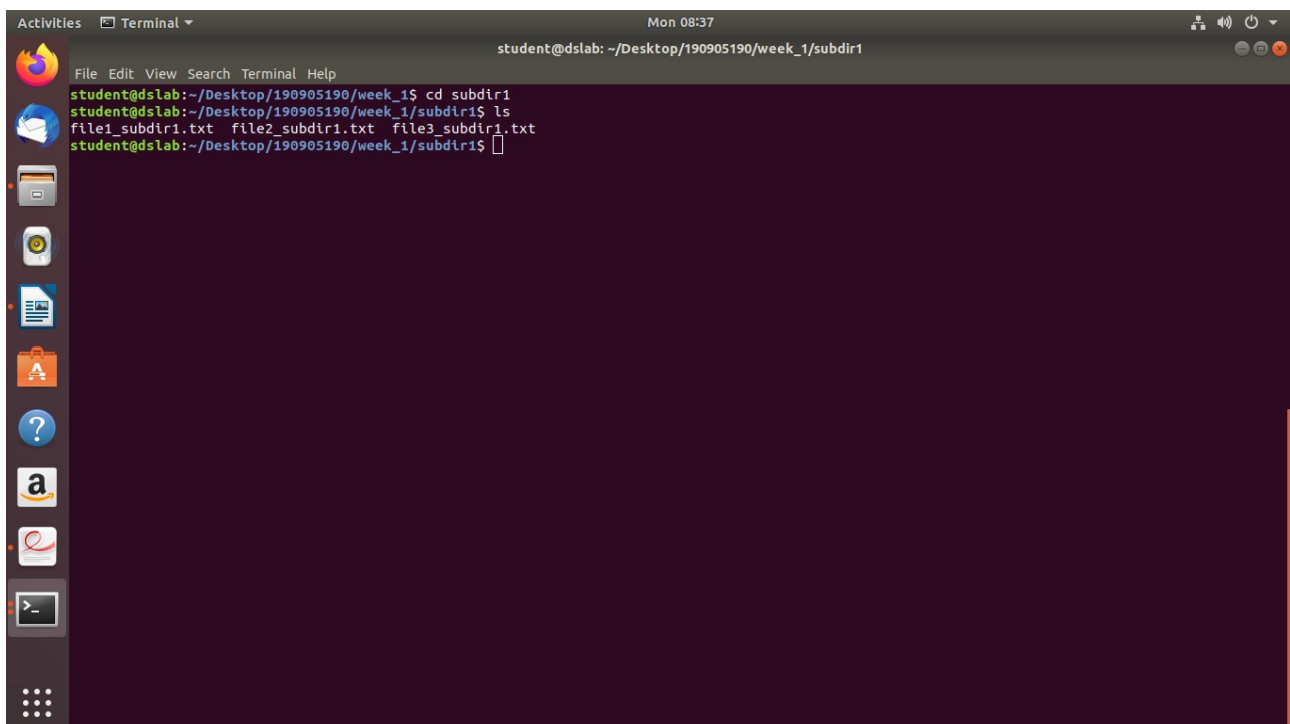


A terminal window titled 'Terminal' showing a series of commands and their outputs. The user is logged in as 'student' on 'Mon 08:25'. The commands and outputs are as follows:

```
$ ls
$ who
student :0          2021-02-08 08:16 (:0)
$ whoami
student
$ pwd
/home/student/Desktop/190905190
$ clear

$ pwd
/home/student/Desktop/190905190
$ mkdir week_1
$ cd week_1
$ pwd
/home/student/Desktop/190905190/week_1
$ mkdir subdir1
$ mkdir subdir2
$ ls
subdir1  subdir2
$
```

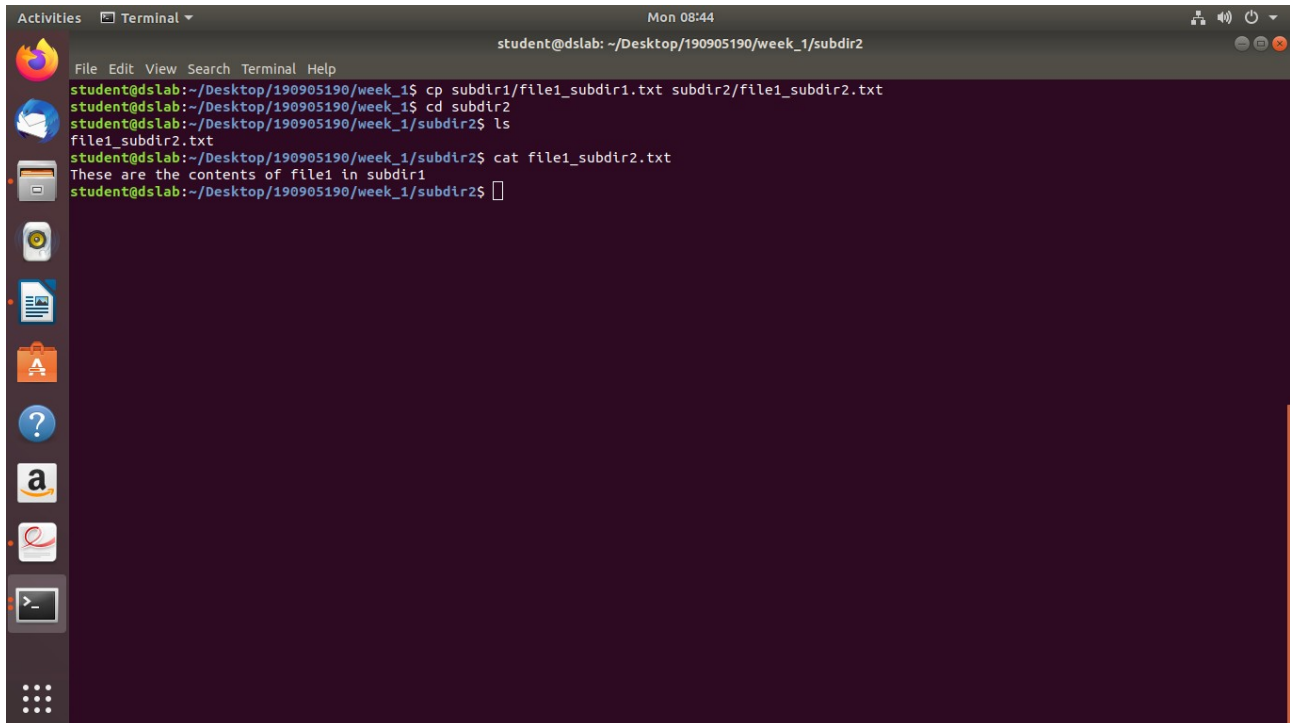
ii)



A terminal window titled 'Terminal' showing commands and outputs. The user is logged in as 'student' on 'Mon 08:37'. The prompt is 'student@dslab: ~/Desktop/190905190/week_1/subdir1'. The commands and outputs are as follows:

```
student@dslab:~/Desktop/190905190/week_1$ cd subdir1
student@dslab:~/Desktop/190905190/week_1/subdir1$ ls
file1_subdir1.txt  file2_subdir1.txt  file3_subdir1.txt
student@dslab:~/Desktop/190905190/week_1/subdir1$
```

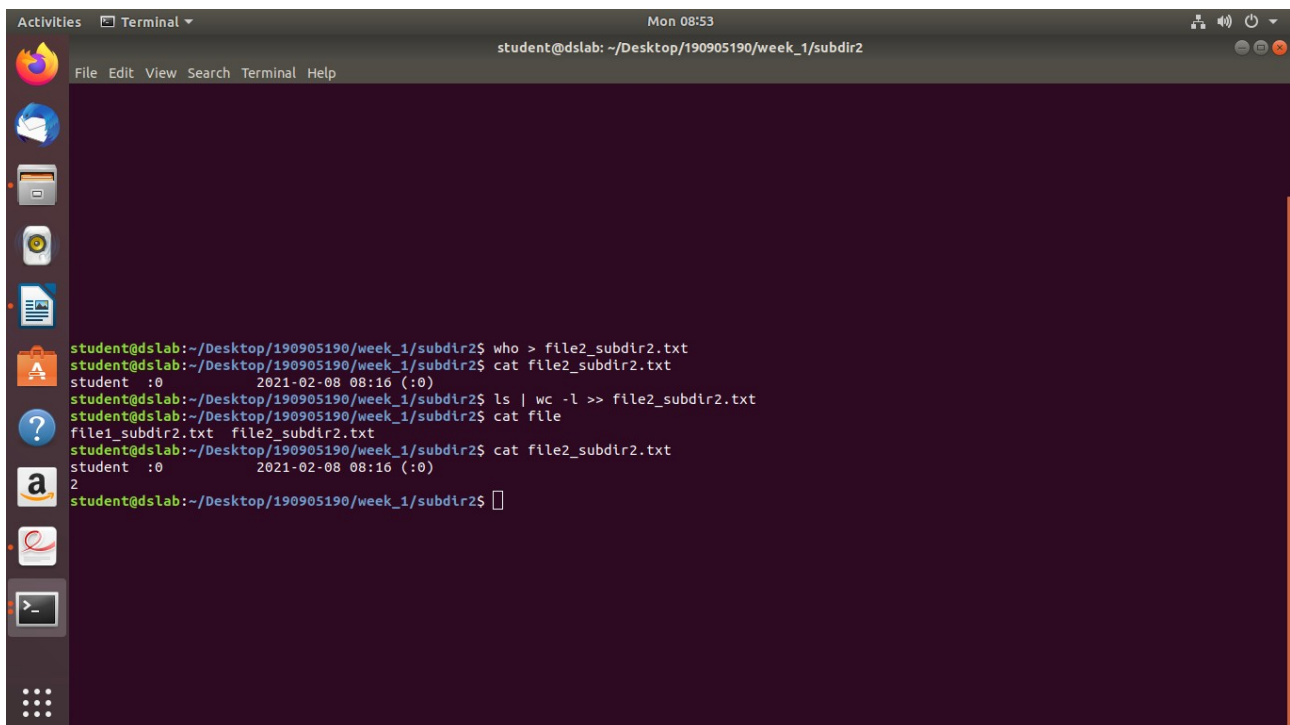
iii)



A terminal window titled 'Terminal' with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Mon 08:44, student@dslab: ~/Desktop/190905190/week_1/subdir2). The terminal shows the following commands and output:

```
student@dslab:~/Desktop/190905190/week_1$ cp subdir1/file1_subdir1.txt subdir2/file1_subdir2.txt
student@dslab:~/Desktop/190905190/week_1$ cd subdir2
student@dslab:~/Desktop/190905190/week_1/subdir2$ ls
file1_subdir2.txt
student@dslab:~/Desktop/190905190/week_1/subdir2$ cat file1_subdir2.txt
These are the contents of file1 in subdir1
student@dslab:~/Desktop/190905190/week_1/subdir2$
```

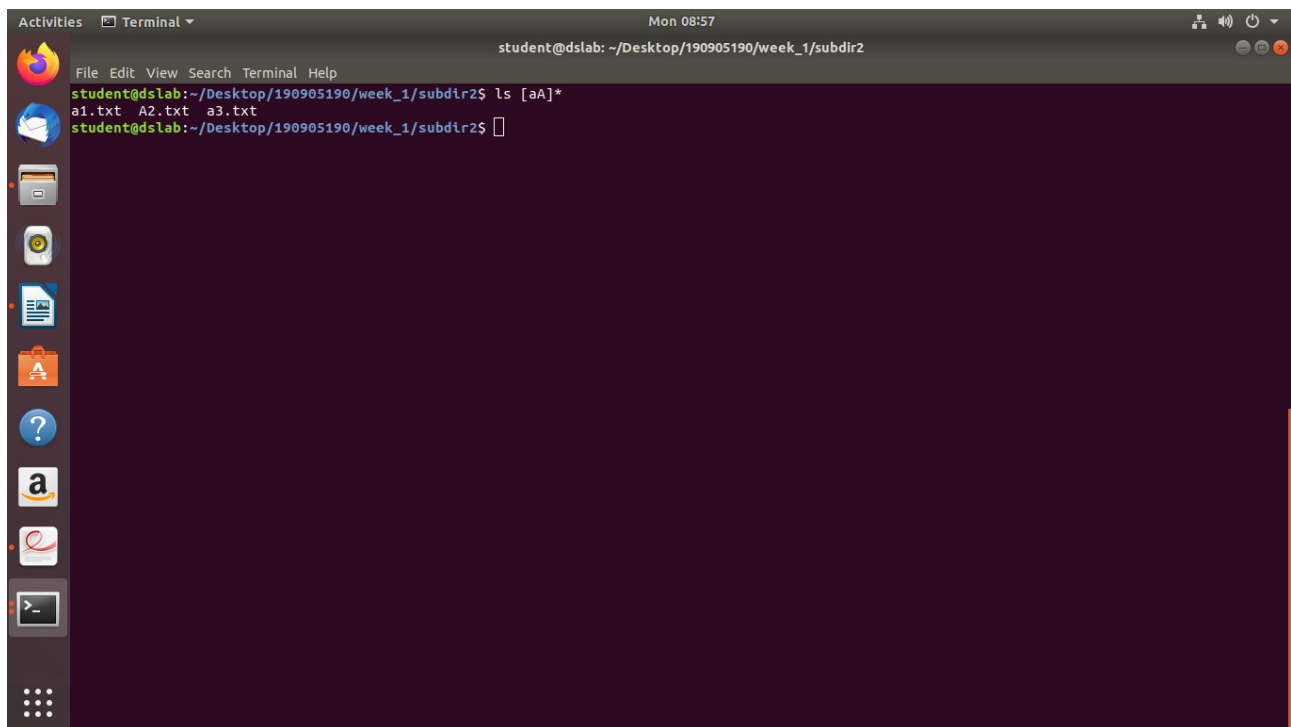
iv)



A terminal window titled 'Terminal' with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Mon 08:53, student@dslab: ~/Desktop/190905190/week_1/subdir2). The terminal shows the following commands and output:

```
student@dslab:~/Desktop/190905190/week_1/subdir2$ who > file2_subdir2.txt
student@dslab:~/Desktop/190905190/week_1/subdir2$ cat file2_subdir2.txt
student  :0                2021-02-08 08:16 (:0)
student@dslab:~/Desktop/190905190/week_1/subdir2$ ls | wc -l >> file2_subdir2.txt
student@dslab:~/Desktop/190905190/week_1/subdir2$ cat file2_subdir2.txt
file1_subdir2.txt  file2_subdir2.txt
student@dslab:~/Desktop/190905190/week_1/subdir2$ cat file2_subdir2.txt
student  :0                2021-02-08 08:16 (:0)
2
student@dslab:~/Desktop/190905190/week_1/subdir2$
```

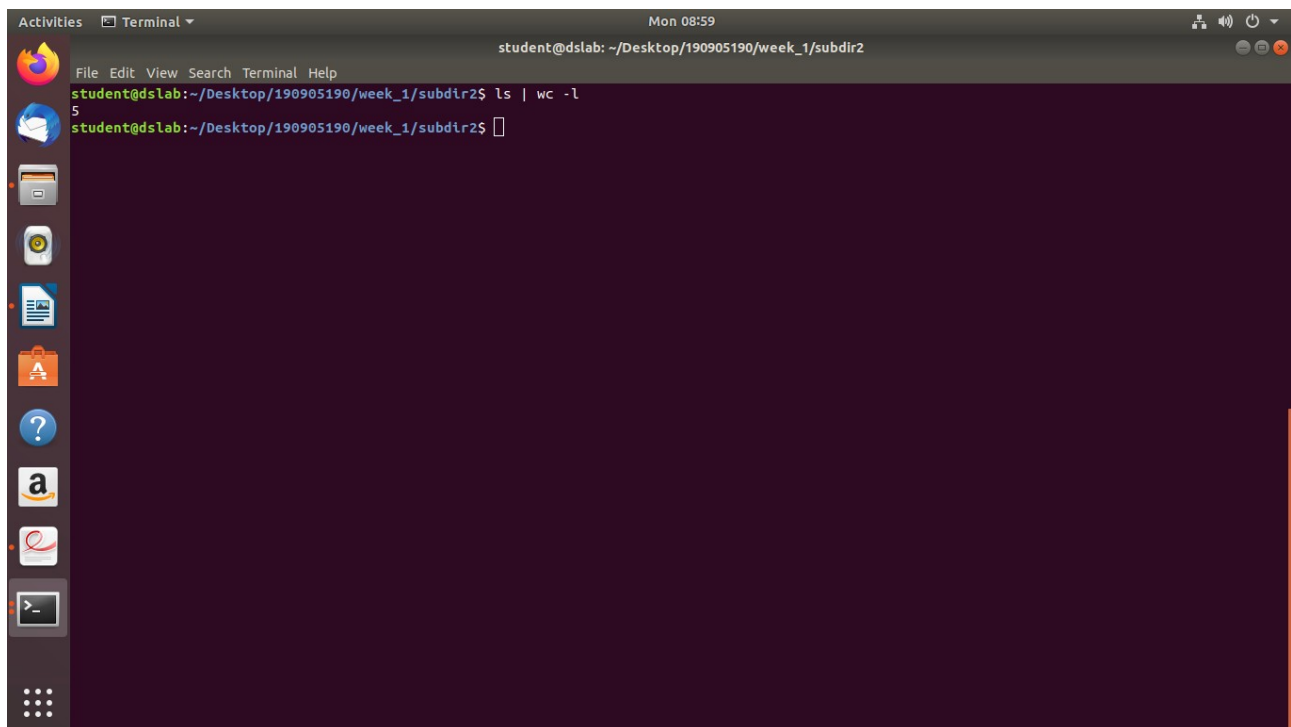
v)



A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Mon 08:57). The window shows the user "student@dslab" in the directory "~/Desktop/190905190/week_1/subdir2". The command "ls [aA]*" is entered, and the output is "a1.txt A2.txt a3.txt". The prompt "student@dslab:~/Desktop/190905190/week_1/subdir2\$" is visible.

```
student@dslab:~/Desktop/190905190/week_1/subdir2$ ls [aA]*
a1.txt  A2.txt  a3.txt
student@dslab:~/Desktop/190905190/week_1/subdir2$
```

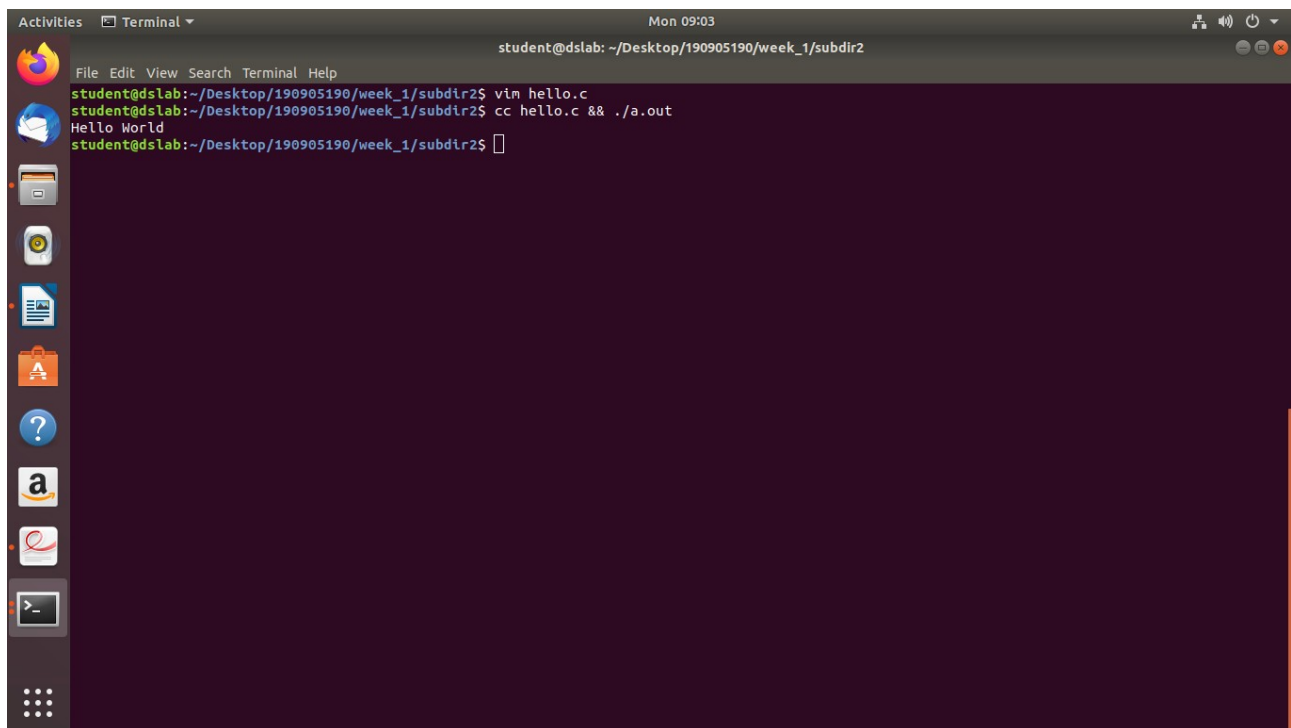
vi)



A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Mon 08:59). The window shows the user "student@dslab" in the directory "~/Desktop/190905190/week_1/subdir2". The command "ls | wc -l" is entered, and the output is "5". The prompt "student@dslab:~/Desktop/190905190/week_1/subdir2\$" is visible.

```
student@dslab:~/Desktop/190905190/week_1/subdir2$ ls | wc -l
5
student@dslab:~/Desktop/190905190/week_1/subdir2$
```

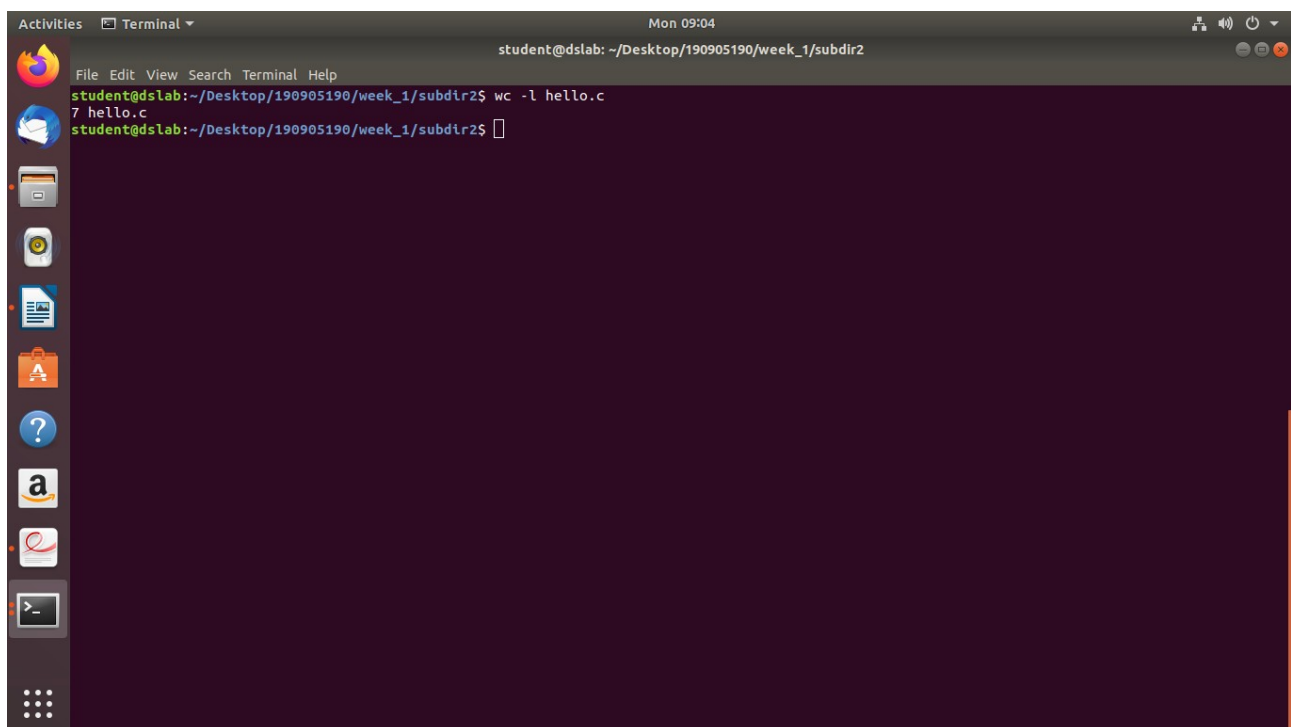
vii)



A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Mon 09:03). The window shows the following commands and output:

```
student@dslab: ~/Desktop/190905190/week_1/subdir2
student@dslab:~/Desktop/190905190/week_1/subdir2$ vim hello.c
student@dslab:~/Desktop/190905190/week_1/subdir2$ cc hello.c && ./a.out
Hello World
student@dslab:~/Desktop/190905190/week_1/subdir2$
```

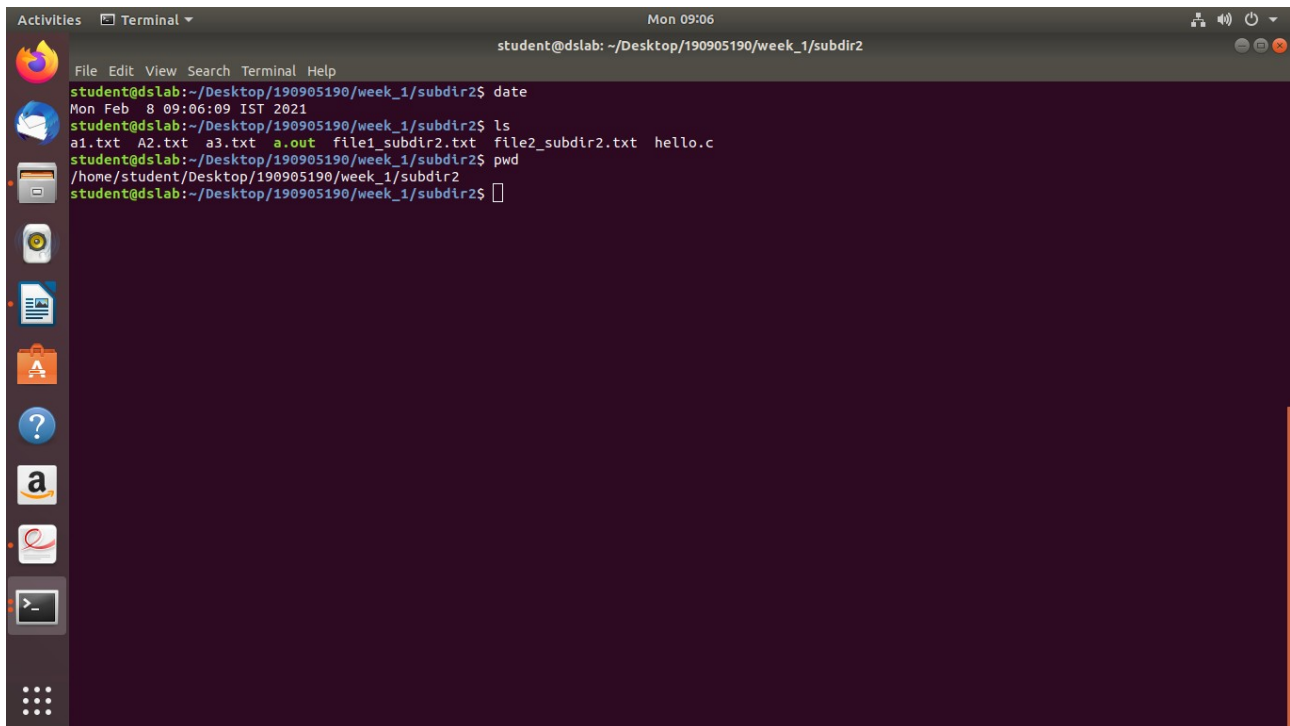
viii)



A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Mon 09:04). The window shows the following commands and output:

```
student@dslab:~/Desktop/190905190/week_1/subdir2$ wc -l hello.c
7 hello.c
student@dslab:~/Desktop/190905190/week_1/subdir2$
```

2)



A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Mon 09:06, student@dslab: ~/Desktop/190905190/week_1/subdir2). The terminal shows the following commands and output:

```
student@dslab:~/Desktop/190905190/week_1/subdir2$ date
Mon Feb  8 09:06:09 IST 2021
student@dslab:~/Desktop/190905190/week_1/subdir2$ ls
a1.txt  A2.txt  a3.txt  a.out  file1_subdir2.txt  file2_subdir2.txt  hello.c
student@dslab:~/Desktop/190905190/week_1/subdir2$ pwd
/home/student/Desktop/190905190/week_1/subdir2
student@dslab:~/Desktop/190905190/week_1/subdir2$
```

The terminal window is part of a desktop environment with a sidebar on the left containing icons for various applications: Firefox, Mail, Files, Music, Videos, Home, Dash, Amazon, and a terminal icon. The desktop background is dark purple.