# **Executable Commands**

#### ls

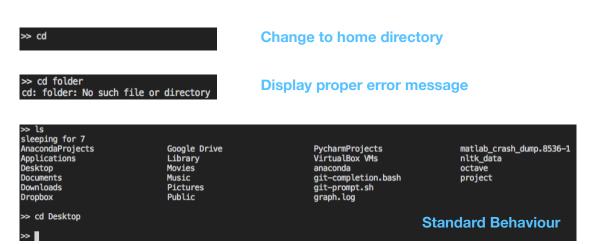


No Space also Valid (auto-handled by given function)

Other executable commands should output similarly

# **Built-in Commands**





# <u>exit</u>



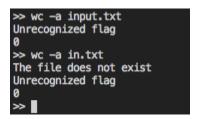
## WC

```
>> wc -l input.txt
3
>> wc -w input.txt
10
>> ■
```

## **Standard Behaviour**

```
>> wc -a input.txt
Unrecognized flag
0
>> wc w input.txt
Unrecognized flag
0
>> wc l input.txt
Unrecognized flag
0
```

**Error Behaviour** 



Error Behaviour



Input.txt

Find input.txt in Content>Assignment Information section in MyCourses.

# <u>fg</u>

```
ID PID Cmd status spawn-time
8 32920 ls RUNNING Wed Jan 31 22:03:38 2018

>> fg 8
bringing jobno 8 and pid 32920 to foreground
$RECYCLE.BIN cd papers
Relative_radical debug_info.txt pwd
Win10_1709_English_x64.iso jobs ubuntu-16.04.3-desktop-amd64.iso
assign1 ls
```

**Standard Behaviour** 

#### nice

- 1. First Is & executes in 2 seconds in background
- 2. While typing the second Is &, the first Is & prints the result as a result the input is distorted and shifted. This second Is & executes in 8 seconds
- 3. Third Is & executes in 7 seconds
- 4."nice date" checks for linked list to be emptied (print statement in the given function). Once the second Is & and third Is & print the result date is executed in 11 seconds.

Note that the output of the second Is & and third & might be interleaved between "checking linked list" lines depending upon the wait time allocated to it.



Please note that any corner case not specified in this document will not be tested for.

