

Lab 1

cd

cd with no args

```
[user@sahara ~/lab1/lecture1]$ cd  
[user@sahara ~]$
```

pwd: ~/lab1/lecture1 cd without args takes you to your home directory or ~
The output is the expected behavior

cd with dir arg

```
[user@sahara ~]$ cd lab1/lecture1/  
[user@sahara ~/lab1/lecture1]$
```

pwd: ~ cd with a directory as an argument will change your working directory
to that directory The output is the expected behavior

cd with file arg

```
[user@sahara ~/lab1/lecture1]$ cd Hello.java  
bash: cd: Hello.java: Not a directory
```

pwd: ~/lab1/lecture1 cd with a file as an argument will result in an error The
output is an error, because cd is for changing directories, and a file is not a
directory.

ls

ls with no args

```
[user@sahara ~/lab1/lecture1]$ ls  
Hello.class Hello.java messages README
```

pwd: ~/lab1/lecture1 ls with no args lists the contents of the working directory.
The output is the expected behavior.

ls with dir arg

```
[user@sahara ~/lab1/lecture1]$ ls messages/  
bg.txt en-us.txt es-mx.txt zh-cn.txt
```

pwd: ~/lab1/lecture1 ls with a directory as an argument lists the contents of

the directory. The output is the expected behavior.

ls with file arg

```
[user@sahara ~/lab1/lecture1]$ ls README
README
```

pwd: ~/lab1/lecture1 ls with a file as an argument lists the name of the file.
The output is the expected behavior.

cat

cat with no args

```
[user@sahara ~/lab1/lecture1]$ cat
^C
```

pwd:~/lab1/lecture1 cat with no args copies all text that follows. You can use
cntl + c to exit. The output is the expected behavior.

cat with dir arg

```
[user@sahara ~/lab1/lecture1]$ cat messages
cat: messages: Is a directory
```

pwd:~/lab1/lecture1 cat with a dir as argument gives an error. The output is
an error because cat copies all text, and a directory does not contain text.

cat with file arg

```
[user@sahara ~/lab1/lecture1]$ cat README
To use this program:
```

```
javac Hello.java
```

```
java Hello messages/en-us.txt
```

pwd:~/lab1/lecture1 cat with a file will output the contents of the file. The
output is expected.