

# LINUX - commands

Basic movement within Ubuntu

## DIRECTORY (folders/files)

- CD - *changes the directory*

INPUT

```
beca@ubuntu:~$ cd Downloads
```

OUTPUT

```
beca@ubuntu:~ /Downloads$
```

THIS MEANS YOU ARE NOW WITHIN THE  
DOWNLOADS FOLDER TO RETURN BACK  
TO THE HOME FOLDER USE THE  
COMMAND:

INPUT

```
beca@Ubuntu: ~/Downloads cd -
```



# PRINT WORKING DIRECTORY (PWD)

- USE THE COMMAND PWD TO DISPLAY WHERE IN THE HIERARCHY YOU CURRENTLY ARE:

INPUT

```
beca@Ubuntu: ~ /Desktop/folder1$ pwd
```

OUTPUT

```
/home/beca/Desktop/folder1
```

# LIST DIRECTORIES

USE THE COMMAND LS TO DISPLAY WHAT'S IN THE CURRENT DIRECTORY:

INPUT

```
beca@ubuntu:~$ ls
```

OUTPUT

Desktop

Downloads

Music

Documents

Videos

# IF YOU FORGET A COMMAND?!?!

INPUT

```
beca@ubuntu: ~/Desktop/file3$ history
```

OUTPUT

```
1 cd Downloads
2 cd Music
3 cd -
4 ls
```



# DISPLAYING SYSTEM INFORMATION

INPUT

```
beca@ubuntu:~$ df  
DISPLAYS FILE SYSTEM
```

INPUT

```
beca@ubuntu:~$ du  
DISPLAYS THE DIRECTORY USAGE
```

INPUT

```
beca@ubuntu:~$ free  
DISPLAYS AMOUNT OF FREE SPACE ON SYSTEM
```

INPUT

```
beca@ubuntu:~$ uname -a
```

**PROVIDES RANGE OF SYSTEM INFO**

INPUT

```
beca@ubuntu:~$ top
```

**DISPLAYS PROCESSES USING MOST  
SYSTEM REQUIREMENTS AT GIVEN TIME**



# CREATING FILES/FOLDERS/DIRECTORIES

INPUT `beca@ubuntu:~$ mkdir  
/home/beca/Desktop/new_Folder`

**THIS CREATES A FOLDER ON THE DESKTOP  
WITHIN THE ABOVE DIRECTORY**