

## Q1. If you are in the P3 directory, go to your home (4 marks)

### 1. Relative path:

cd ~

```
untitled
web-design-group-A-tuesday
week-5-redo
week-7-redo
xenderpc
(base) kevin@KEVINs-MacBook-Pro ~ % mkdir /s
mkdir: /s: Read-only file system
(base) kevin@KEVINs-MacBook-Pro ~ % mkdir /a
mkdir: /a: Read-only file system
(base) kevin@KEVINs-MacBook-Pro ~ % cd linux-assignment
cd: no such file or directory: linux-assignment
(base) kevin@KEVINs-MacBook-Pro ~ % cd linux-assignments
(base) kevin@KEVINs-MacBook-Pro linux-assignments % cd assignment1
(base) kevin@KEVINs-MacBook-Pro assignment1 % ls
Introduction_to_linux
(base) kevin@KEVINs-MacBook-Pro assignment1 % cd ~
(base) kevin@KEVINs-MacBook-Pro ~ %
```

### 2. Absolute path:

cd /home/mcbishop

```

t1
(base) kevin@KEVINs-MacBook-Pro assignment1 % cd ~/linux-assignments/assignment1
(base) kevin@KEVINs-MacBook-Pro assignment1 %
```

## Q2. Show a long listing of Here (4 marks)

### 1. Relative path (from Command directory):

ls -l ../P1/Hi/P3/here

```
(base) kevin@KEVINs-MacBook-Pro command % ls -l ../P1/Hi/P3/here
ere
total 0
-rw-r--r--  1 kevin  staff   0 Sep 23 21:12 hereWeAre.txt
```

2. Absolute path:

```
ls -l /home/mcbishop/Here
```

```
(base) kevin@KEVINS-MacBook-Pro assignment1 % ls -l ~/linux-assignments/assignment1
total 0
drwxr-xr-x  4 kevin  staff  128 Sep 23 18:00 Introduction_to_linux
(base) kevin@KEVINS-MacBook-Pro assignment1 %
```

Q3. Copy file **P3** to Command directory (4 marks)

1. From P2 directory (relative):

```
cp ../P3/file.txt ../Command/
```

```
(base) kevin@KEVINS-MacBook-Pro Introduction_to_linux % cp ../P3/file.txt ../assignment1
```

2. From P3 directory (relative):

```
cp file.txt ../Command/
```

```
(base) kevin@KEVINS-MacBook-Pro P3 % cp file.txt ../../Command/
```

3. From Command directory (relative):

```
cp ../P1/Hi/P3/file.txt .
```

```
(base) kevin@KEVINS-MacBook-Pro command % cp ../P1/Hi/P3/file.txt .
```

4. Absolute path:

```
cp /home/mcbishop/P3/file.txt /home/mcbishop/Command/
```

Q4. Copy *files in P3* to Command directory (4 marks)

1. **From P2 directory (relative):**

```
cp ../P3/* ../Command/
```

2. **From P3 directory (relative):**

```
cp * ../Command/
```

3. **From Command directory (relative):**

```
cp ../P3/* .
```

4. **Absolute path:**

```
cp /home/mcbishop/P3/* /home/mcbishop/Command/
```

#### **Q5. Difference between Q3 & Q4 (2 marks)**

- **Q3:** copies **one file** (`file.txt`).
- **Q4:** copies **all files** inside `P3`.

#### **Q6. Colors in Linux terminal (2 marks)**

- **Yellow:** usually **executable files**.
- **Blue:** **directories**.
- **hereWeAre:** should be **light blue (directory)** if it is a folder, or **green/yellow (executable)** if it's a script/program. Since it looks like a directory, **blue is correct**.