

## Linux Assignment:

```
bash: cd: development: No such file or directory
[ec2-user@ip-172-31-23-176 ~]$ mkdir development
[ec2-user@ip-172-31-23-176 ~]$ cd development
[ec2-user@ip-172-31-23-176 development]$ mkdir website
[ec2-user@ip-172-31-23-176 development]$ cd website
[ec2-user@ip-172-31-23-176 website]$ mkdir images
[ec2-user@ip-172-31-23-176 website]$ mkdir test
[ec2-user@ip-172-31-23-176 website]$ ls -l
total 0
drwxr-xr-x. 2 ec2-user ec2-user 6 Feb 24 06:34 images
drwxr-xr-x. 2 ec2-user ec2-user 6 Feb 24 06:34 test
[ec2-user@ip-172-31-23-176 website]$
```

1.

```
[ec2-user@ip-172-31-23-176 website]$ touch index.txt
[ec2-user@ip-172-31-23-176 website]$ ls -l
total 0
drwxr-xr-x. 2 ec2-user ec2-user 6 Feb 24 06:34 images
-rw-r--r--. 1 ec2-user ec2-user 0 Feb 24 06:35 index.txt
drwxr-xr-x. 2 ec2-user ec2-user 6 Feb 24 06:34 test
[ec2-user@ip-172-31-23-176 website]$
```

```
1. Create a resume (cat)
[ec2-user@ip-172-31-23-176 website]$ cat index.txt
This is My resume.

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Objective: Aspiring software engineer with a passion for developing innovative programs. Skilled in problem-solving and bringing a fresh perspective to every task.

Education: Bachelor of Technology in Computer Science Vellore Institute of Technology, Vellore Graduated: 2023

Experience: Software Engineer Intern Tech Solutions Pvt. Ltd., Chennai

Developed and implemented new software programs

Collaborated with a team of engineers on various projects
```

2.

```
[ec2-user@ip-172-31-23-176 test]$ vi country.txt
[ec2-user@ip-172-31-23-176 test]$ cat country.txt
India
Australia
New Zealand
England
Sri Lanka
Pakistan
Afghanistan
West Indies
South Arica
Bangladesh

[ec2-user@ip-172-31-23-176 test]$
```

3.

```
[ec2-user@ip-172-31-23-176 test]$ cd ..
[ec2-user@ip-172-31-23-176 website]$ cp index.txt /home/ec2-user/development/website/images
[ec2-user@ip-172-31-23-176 website]$ cd images
[ec2-user@ip-172-31-23-176 images]$ ls -l
total 4
-rw-r--r--. 1 ec2-user ec2-user 1009 Feb 24 06:44 index.txt
[ec2-user@ip-172-31-23-176 images]$
```

```
[ec2-user@ip-172-31-23-176 images]$ cd ..
[ec2-user@ip-172-31-23-176 website]$ cd test
[ec2-user@ip-172-31-23-176 test]$ cp country.txt /home/ec2-user/development/website/images
[ec2-user@ip-172-31-23-176 test]$ cd ..
[ec2-user@ip-172-31-23-176 website]$ cd images
[ec2-user@ip-172-31-23-176 images]$ ls -l
total 8
-rw-r--r--. 1 ec2-user ec2-user 105 Feb 24 06:45 country.txt
-rw-r--r--. 1 ec2-user ec2-user 1009 Feb 24 06:44 index.txt
[ec2-user@ip-172-31-23-176 images]$
```

4.

```
[ec2-user@ip-172-31-23-176 images]$ cd ..
[ec2-user@ip-172-31-23-176 website]$ mv /home/ec2-user/development/website/images country.txt
[ec2-user@ip-172-31-23-176 website]$ ls -l
total 4
drwxr-xr-x. 2 ec2-user ec2-user 42 Feb 24 06:45 country.txt
-rw-r--r--. 1 ec2-user ec2-user 1009 Feb 24 06:39 index.txt
drwxr-xr-x. 2 ec2-user ec2-user 25 Feb 24 06:42 test
```

5.

```
drwxr-xr-x. 2 ec2-user ec2-user 25 Feb 24 06:42 test
[ec2-user@ip-172-31-23-176 website]$ mv index.txt sample.txt
[ec2-user@ip-172-31-23-176 website]$ ls -l
total 4
drwxr-xr-x. 2 ec2-user ec2-user 42 Feb 24 06:45 country.txt
-rw-r--r--. 1 ec2-user ec2-user 1009 Feb 24 06:39 sample.txt
drwxr-xr-x. 2 ec2-user ec2-user 25 Feb 24 06:42 test
[ec2-user@ip-172-31-23-176 website]$
```

6.

```
[ec2-user@ip-172-31-23-176 website]$ cd ..
[ec2-user@ip-172-31-23-176 development]$ touch fruits.txt
[ec2-user@ip-172-31-23-176 development]$ vi fruits.txt
[ec2-user@ip-172-31-23-176 development]$ cat fruits.txt
Apple 🍏
Banana 🍌
Orange 🍊
Mango 🥭
Strawberry 🍓
Pineapple 🍍
Grapes 🍇
Watermelon 🍉
Kiwi 🥝
Blueberry 🫐
[ec2-user@ip-172-31-23-176 development]$
```

7.

```
[ec2-user@ip-172-31-16-75 development]$ cp fruits.txt /home/ec2-user/development/website/images
[ec2-user@ip-172-31-16-75 development]$ ls
fruits.txt  website
[ec2-user@ip-172-31-16-75 development]$ cd website
[ec2-user@ip-172-31-16-75 website]$ cd images
[ec2-user@ip-172-31-16-75 images]$ ls
fruits.txt  index.txt
```

8.

```
[ec2-user@ip-172-31-16-75 website]$ rm -i -r test
rm: descend into directory 'test'? y
rm: remove regular file 'test/country.txt'? y
rm: remove directory 'test'? y
[ec2-user@ip-172-31-16-75 website]$ ls
country.txt  images  sample.txt
```

9.

```
[ec2-user@ip-172-31-16-75 development]$ vi index.txt
[ec2-user@ip-172-31-16-75 development]$ vi country.txt
[ec2-user@ip-172-31-16-75 development]$ ls
country.txt  fruits.txt  index.txt  website
```