

Linux Assignment

Name: Vattigunta Siva Sankar Reddy

The web development team has requested that you create a directory structure and some placeholder files for their new web site application on the CentOS server you created for them previously.

Please create the following directories:

/development

/development/website

/development/website/images

/development/website/test

- 1) create a file called index.txt within the website directory and enter your resume within 15 lines in the file

```
Last login: Mon Feb 24 05:25:16 2025 from 18.206.107.27
[ec2-user@ip-172-31-17-165 ~]$ mkdir development
[ec2-user@ip-172-31-17-165 ~]$ cd development/
[ec2-user@ip-172-31-17-165 development]$ mkdir website
[ec2-user@ip-172-31-17-165 development]$ cd website
[ec2-user@ip-172-31-17-165 website]$ mkdir images
[ec2-user@ip-172-31-17-165 website]$ mkdir test
[ec2-user@ip-172-31-17-165 website]$ vi index.txt
```

```
name:vattigunta siva sankar reddy
data:
Specilized in Blockchain Technology, excited to use my knowledge and skills to help create new and better ways for people to work together and achieve goals. Skilled in building frontend apps with React and web3.js. Proficient in data structures and used to solve complex algorithms.
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```

2) create a file country.txt within the test directory and enter the some 10 countries names in the file line by line

```
[ec2-user@ip-172-31-17-165 website]$ cd test/  
[ec2-user@ip-172-31-17-165 test]$ vi country.txt
```

```
india  
aus  
us  
uk  
arg  
sl  
pak  
nepal  
japan  
taiwan
```

3) copy the file country.txt and index.txt both to images directory

```
[ec2-user@ip-172-31-17-165 test]$ cp country.txt ../images/country.txt
```

```
[ec2-user@ip-172-31-17-165 test]$ cp ../index.txt ../images/index.txt
```

4) move the file country.txt to website directory

```
[ec2-user@ip-172-31-17-165 test]$ cat ../images/country.txt  
india  
aus  
us  
uk  
arg  
sl  
pak  
nepal  
japan  
taiwan
```

```
[ec2-user@ip-172-31-17-165 test]$ mv ../images/country.txt ../country.txt
```

5) rename the file index.txt to sample.txt

```
[ec2-user@ip-172-31-17-165 test]$ cd ../  
[ec2-user@ip-172-31-17-165 website]$ ls  
country.txt  images  index.txt  test  
[ec2-user@ip-172-31-17-165 website]$ mv index.txt sample.txt  
[ec2-user@ip-172-31-17-165 website]$ ls  
country.txt  images  sample.txt  test
```

6) create a file fruits.txt within development directory and add around 10 fruits description lines into it

```
[ec2-user@ip-172-31-17-165 website]$ cd ../  
[ec2-user@ip-172-31-17-165 development]$ vi fruits.txt
```

7) copy the fruits.txt to images directory

```
[ec2-user@ip-172-31-17-165 development]$ cp fruits.txt ../website/images/fruits.txt
```

8) delete the directory test

```
[ec2-user@ip-172-31-17-165 website]$ cd test  
[ec2-user@ip-172-31-17-165 test]$ ls  
country.txt  
[ec2-user@ip-172-31-17-165 test]$ rm country.txt  
[ec2-user@ip-172-31-17-165 test]$ cd ../  
[ec2-user@ip-172-31-17-165 website]$ rmdir test/
```

9) open the vim editor in development directory and do operations (1) and (2) above same

```
[ec2-user@ip-172-31-17-165 development]$ vi index.txt  
[ec2-user@ip-172-31-17-165 development]$ vi country.txt
```

```
[ec2-user@ip-172-31-17-165 development]$ cat index.txt
name:vattigunta
dob:01/01/2004
[ec2-user@ip-172-31-17-165 development]$ cat country.txt
india
pak
sl
bhu
sing
us
uk
arg
china
aus
ger
[ec2-user@ip-172-31-17-165 development]$
```