

LINUX DOCUMENTATION

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STEP-I

1

Creating a directory with the name: India
Enter inside India directory
Creating the four directories
Creating files inside Maharashtra folder

2

Creating files inside AP folder
Creating files inside Karnataka folder
Creating file inside Tamilnadu folder

```
aws | [AWS] | [Search] | [Alt+S]

[ec2-user@ip-172-31-27-14 TAMILNADU]$ touch Chennai Vellore Madurai
[ec2-user@ip-172-31-27-14 TAMILNADU]$ ls
Chennai Madurai Vellore
[ec2-user@ip-172-31-27-14 TAMILNADU]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ ls
AP KARNATAKA MAHARASHTRA TAMILNADU
[ec2-user@ip-172-31-27-14 INDIA]$ cp TAMILNADU/Chennai MAHARASHTRA
[ec2-user@ip-172-31-27-14 INDIA]$ cp MAHARASHTRA/Mumbai AP
cp: cannot stat 'MAHARASHTRA/Mumbai': No such file or directory
[ec2-user@ip-172-31-27-14 INDIA]$ cp MAHARASHTRA/mumbai AP
[ec2-user@ip-172-31-27-14 INDIA]$ cp AP/Tirupathi KARNATAKA
[ec2-user@ip-172-31-27-14 INDIA]$ cp KARNATAKA/Bangalore TAMILNADU
[ec2-user@ip-172-31-27-14 INDIA]$ cd MAHARASHTRA
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ LS
-bash: LS: command not found
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ ls
Chennai mumbai nasik pune
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ cd AP
-bash: cd: AP: No such file or directory
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ cd AP
[ec2-user@ip-172-31-27-14 AP]$ ls
Chittoor Tirupathi Vizag mumbai
[ec2-user@ip-172-31-27-14 AP]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ cd KARNATAKA
[ec2-user@ip-172-31-27-14 KARNATAKA]$ ls
Bangalore Hubli Tirupathi mysore
[ec2-user@ip-172-31-27-14 KARNATAKA]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ cd TAMILNADU

i-0ee835e6daad44b00 (carrot)
PublicIPs: 13.53.125.228 PrivateIPs: 172.31.27.14
```


COPYING AND MOVING THE FILES FROM ONE FOLDER TO ANOTHER FOLDER:

STEP-2

```
VS Search [Alt+S]
[ec2-user@ip-172-31-27-14 ~]$ mkdir INDIA
[ec2-user@ip-172-31-27-14 ~]$ cd INDIA
-bash: cd: command not found
[ec2-user@ip-172-31-27-14 ~]$ cd INDIA
[ec2-user@ip-172-31-27-14 INDIA]$ mkdir MAHARASHTRA AP KARNATAKA TAMILNADU
[ec2-user@ip-172-31-27-14 INDIA]$ ls
AP KARNATAKA MAHARASHTRA TAMILNADU
[ec2-user@ip-172-31-27-14 INDIA]$ cd MAHARASHTRA
-bash: cd: MAHARASHTRA: No such file or directory
[ec2-user@ip-172-31-27-14 INDIA]$ cd MAHARASHTRA
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ touch mumbai pune nasik
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ ls
mumbai nasik pune
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ cd AP
-bash: cd: AP: No such file or directory
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ cd AP
-bash: cd: AP: No such file or directory
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ cd AP
[ec2-user@ip-172-31-27-14 AP]$ touch Tirupathi Vizag Chittoor
[ec2-user@ip-172-31-27-14 AP]$ ls
Chittoor Tirupathi Vizag
[ec2-user@ip-172-31-27-14 AP]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ cd KARNATAKA
[ec2-user@ip-172-31-27-14 KARNATAKA]$ touch Bangalore mysore Hubli
[ec2-user@ip-172-31-27-14 KARNATAKA]$ ls
Bangalore Hubli mysore
[ec2-user@ip-172-31-27-14 KARNATAKA]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ cd TAMILNADU

i-0ee835e6daad44b00 (carrot)
PublicIPs: 13.53.125.228 PrivateIPs: 172.31.27.14
```

We have to mv command to move the files and cp command to copy the files.
Once after creating files and folder we have to move and copy one file into another state folder.

STEP-3

RENAME THE FILES

Once we copied and moved the files from one folder to another state folder we have to rename any of the files from each state folder by using the command : mv oldfilename newfilename.

Search

[Alt+S]

```
172-31-27-14 TAMILNADU]$ ls
ennai Madurai Vellore
172-31-27-14 TAMILNADU]$ cd ..
172-31-27-14 INDIA]$ ls
    MAHARASHTRA  TAMILNADU
172-31-27-14 INDIA]$ mv TAMILNADU/Vellore MAHARASHTRA
172-31-27-14 INDIA]$ mv MAHARASHTRA/Pune AP
at 'MAHARASHTRA/Pune': No such file or directory
172-31-27-14 INDIA]$ mv MAHARASHTRA/pune AP
172-31-27-14 INDIA]$ mv AP/Vizag KARNATAKA
172-31-27-14 INDIA]$ mv KARNATAKA/mysore TAMILNADU
172-31-27-14 INDIA]$ cd MAHARASHTRA
172-31-27-14 MAHARASHTRA]$ ls
ore mumbai nasik
172-31-27-14 MAHARASHTRA]$ cd ..
172-31-27-14 INDIA]$ cd AP
172-31-27-14 AP]$ ls
upathi mumbai pune
172-31-27-14 AP]$ cd ..
172-31-27-14 INDIA]$ cd KARNATAKA
172-31-27-14 KARNATAKA]$ ls
oli Tirupathi Vizag
172-31-27-14 KARNATAKA]$ cd ..
172-31-27-14 INDIA]$ cd TAMILNADU
172-31-27-14 TAMILNADU]$ ls
ennai Madurai mysore
172-31-27-14 TAMILNADU]$ cd ..
172-31-27-14 INDIA]$ ls
    MAHARASHTRA  TAMILNADU
```


STEP-4

HOW TO INSTALL GIT INSIDE LINUX :

We have to use `sudo yum install git -y`. By using this command we will be able to install git.

Once we install git inside Linux we will be able to use git.

We have to go inside the India directory and initiate git by using `git init` command.

And we have to connect a remote repository by using `git remote add alias URL`.

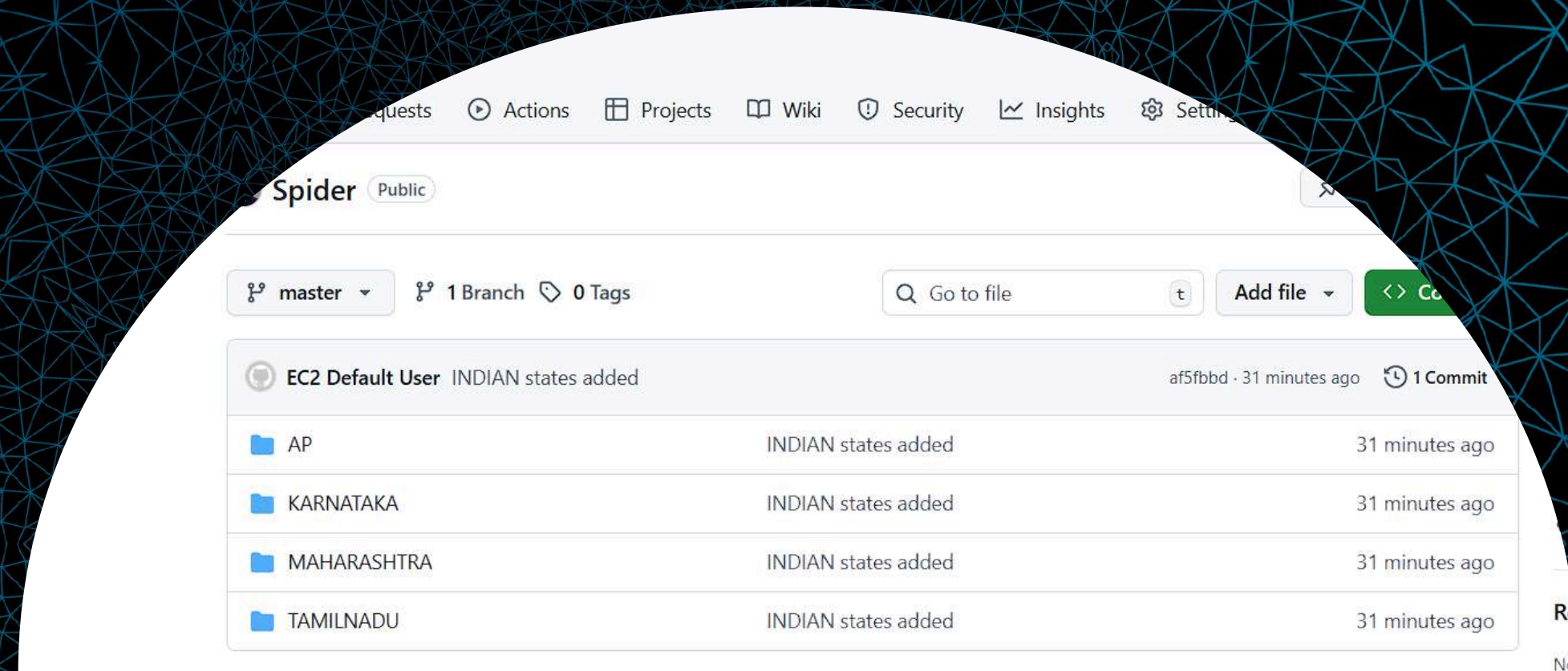
```
KARNATAKA MAHARASHTRA TAMILNADU
ec2-user@ip-172-31-27-14 INDIA]$ MAHARASHTRA
bash: MAHARASHTRA: command not found
ec2-user@ip-172-31-27-14 INDIA]$ cd MAHARASHTRA
ec2-user@ip-172-31-27-14 MAHARASHTRA]$ mv nasikthane
ec2-user@ip-172-31-27-14 MAHARASHTRA]$ ls
chennai Vellore mumbaithane
ec2-user@ip-172-31-27-14 MAHARASHTRA]$ cd ..
ec2-user@ip-172-31-27-14 INDIA]$ cd AP
ec2-user@ip-172-31-27-14 AP]$ mv ChittoorKurnool
ec2-user@ip-172-31-27-14 AP]$ ls
Kurnool Tirupathi mumbai pune
ec2-user@ip-172-31-27-14 AP]$ cd ..
ec2-user@ip-172-31-27-14 INDIA]$ cd KARNATAKA
ec2-user@ip-172-31-27-14 KARNATAKA]$ mv HubliMangalore
ec2-user@ip-172-31-27-14 KARNATAKA]$ ls
BangaloreMangalore Tirupathi Vizag
ec2-user@ip-172-31-27-14 KARNATAKA]$ cd ..
ec2-user@ip-172-31-27-14 INDIA]$ cd TAMILNADU
ec2-user@ip-172-31-27-14 TAMILNADU]$ mv MaduraiPollachi
ec2-user@ip-172-31-27-14 TAMILNADU]$ ls
Bangalore Chennai Pollachi mysore
ec2-user@ip-172-31-27-14 TAMILNADU]$ cd ..
ec2-user@ip-172-31-27-14 INDIA]$ cd ..
ec2-user@ip-172-31-27-14 ~]$ pwd
/home/ec2-user
ec2-user@ip-172-31-27-14 ~]$ echo "First Task is completed"
First Task is completed
ec2-user@ip-172-31-27-14 ~]$ █
```


STEP-5

- Now we have to add the files using (git add .) command. Then, we have to commit the files using (git commit -m " message ")
- Once we have committed the files then we have to push the files to the remote repository we have connected by using git

```
git
[ec2-user@ip-172-31-27-14 INDIA]$ git add .
[ec2-user@ip-172-31-27-14 INDIA]$ git status
On branch master
nothing to commit, working tree clean
[ec2-user@ip-172-31-27-14 INDIA]$ git push origin master
Username for 'https://github.com': shyamsundar05285518@gmail.com
Password for 'https://shyamsundar05285518%40gmail.com@github.com':
remote: Invalid username or token. Password authentication is not
fatal: Authentication failed for 'https://github.com/shyam-git337'
[ec2-user@ip-172-31-27-14 INDIA]$ git push origin master
Username for 'https://github.com': shyamsundar05285518@gmail.com
Password for 'https://shyamsundar05285518%40gmail.com@github.com':
remote: Invalid username or token. Password authentication is not
fatal: Authentication failed for 'https://github.com/shyam-git337'
[ec2-user@ip-172-31-27-14 INDIA]$ git push origin master
Username for 'https://github.com': shyamsundar05285518@gmail.com
Password for 'https://shyamsundar05285518%40gmail.com@github.com':
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 2 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 574 bytes | 574.00 KiB/s, done.
Total 7 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/shyam-git3377/Spider.git
 * [new branch]      master -> master
[ec2-user@ip-172-31-27-14 INDIA]$ git push origin master
Username for 'https://github.com': █
```


Result



THANK YOU