

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



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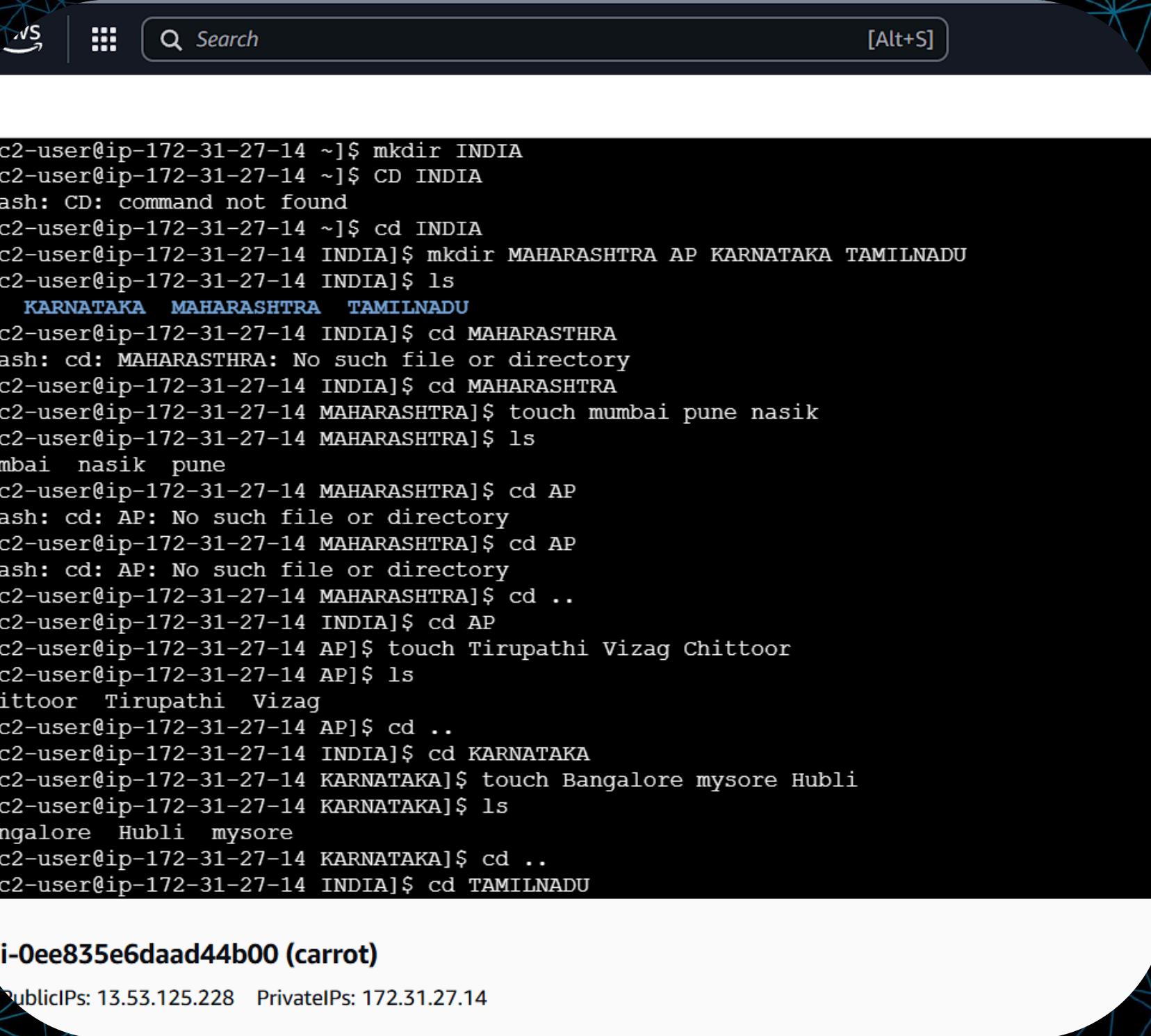
```
[ec2-user@ip-172-31-27-14 TAMILNADU]$ touch Chennai Vellore Madurai
[ec2-user@ip-172-31-27-14 TAMILNADU]$ ls
Chennai Madurai Vellore
[ec2-user@ip-172-31-27-14 TAMILNADU]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ ls
AP KARNATAKA MAHARASHTRA TAMILNADU
[ec2-user@ip-172-31-27-14 INDIA]$ cp TAMILNADU/Chennai 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



```
[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 MAHARASTHRA
-bash: cd: MAHARASTHRA: 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

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```
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  
bre 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.

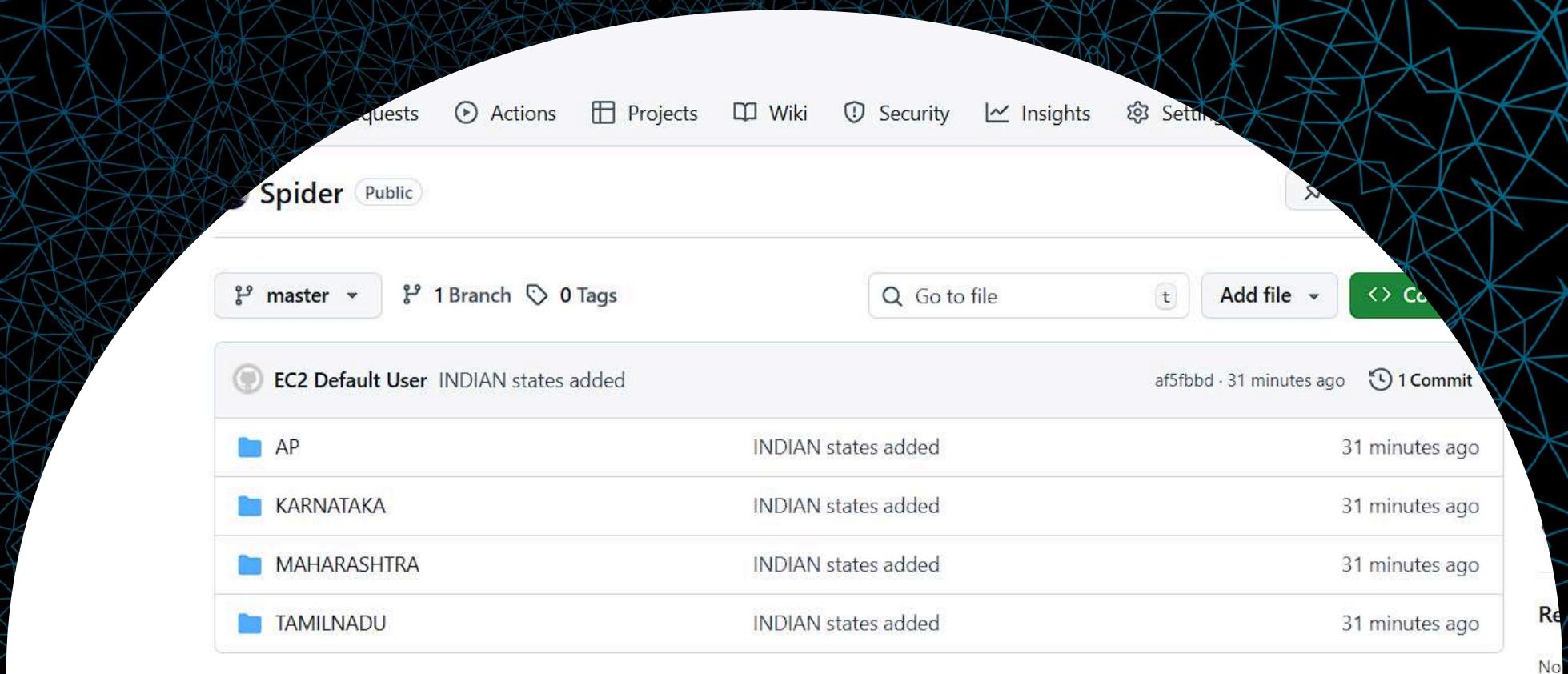
```
KARNATAKA MAHARASHTRA TAMILNADU
[ec2-user@ip-172-31-27-14 INDIA]$ MAHARASHTRA
bash: MAHARASHTRA: command not found
[ec2-user@ip-172-31-27-14 INDIA]$ cd MAHARASHTRA
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ mv nasik thane
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ ls
bhavnagar Vellore mumbai thane
[ec2-user@ip-172-31-27-14 MAHARASHTRA]$ cd ..
[ec2-user@ip-172-31-27-14 INDIA]$ cd AP
[ec2-user@ip-172-31-27-14 AP]$ mv Chittoor Kurnool
[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 Hubli Mangalore
[ec2-user@ip-172-31-27-14 KARNATAKA]$ ls
Bangalore Mangalore 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 Madurai Pollachi
[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

```
gin  
[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