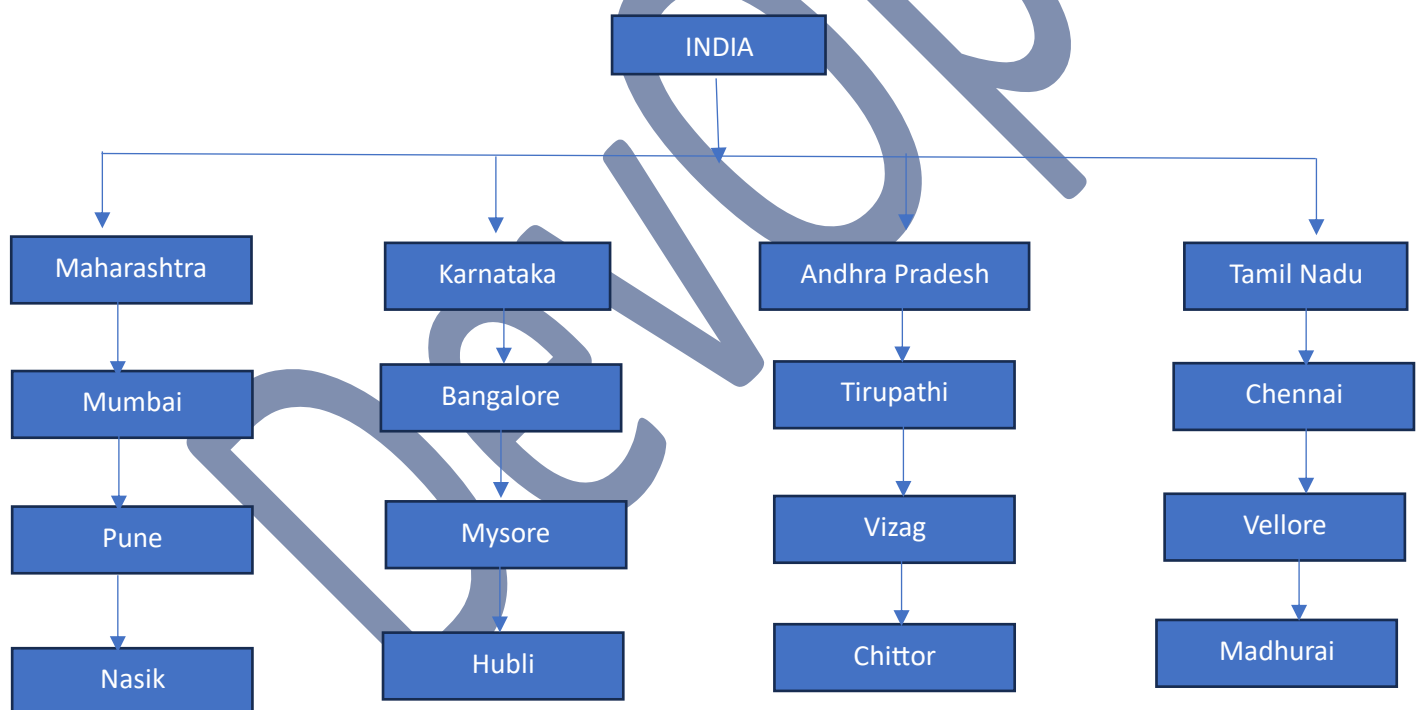Name – Pushkar Ranjan

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Qualification – BE (CSE)

Year of Passing – 2024

## Linux Task-2

1. Create a user and switch the user.
2. Enter into user personal directory.
3. Create the structure and push it into your GitHub.

```
                              INDIA
        ┌───────────────┬───────────────┬───────────────┐
   Maharashtra      Karnataka      Andhra Pradesh     Tamil Nadu
        │               │               │               │
     Mumbai         Bangalore       Tirupathi        Chennai
        │               │               │               │
      Pune            Mysore          Vizag          Vellore
        │               │               │               │
      Nasik            Hubli          Chittor         Madhurai
```

1. Create the user and switch to the user.

```
           _/m/'
[ec2-user@ip-172-31-37-161 ~]$ sudo su
[root@ip-172-31-37-161 ec2-user]# useradd Pushkar
[root@ip-172-31-37-161 ec2-user]# cat /etc/passwd

Pushkar:x:1001:1001::/home/Pushkar:/bin/bash
```

2. Enter to user personal user directory

```
[Ranjan@ip-172-31-37-161 Pushkar]$ cd ..
[Ranjan@ip-172-31-37-161 home]$ ls
Pushkar  Ranjan  ec2-user
[Ranjan@ip-172-31-37-161 home]$ cd Ranjan
[Ranjan@ip-172-31-37-161 ~]$
```

2. Create the structure and push it into your GitHub.

**States Directories Created**

```
[Pushkar@ip-172-31-39-176 India]$ ls
Andhra_Pradesh  Karnataka  Maharashtra  Tamil_Nadu
```

**Maharashtra Cities**

```
[Pushkar@ip-172-31-39-176 Maharashtra]$ ls
Mumbai  Nasik  Pune
```

**City Description**

```
[Pushkar@ip-172-31-39-176 Maharashtra]$ nano Mumbai
[Pushkar@ip-172-31-39-176 Maharashtra]$ cat Mumbai
Filmcity of India
[Pushkar@ip-172-31-39-176 Maharashtra]$ nano Pune
[Pushkar@ip-172-31-39-176 Maharashtra]$ cat Pune
IT hub of Maharashtra
[Pushkar@ip-172-31-39-176 Maharashtra]$ nano Nasik
[Pushkar@ip-172-31-39-176 Maharashtra]$ cat Nasik
Trumbakeshwara is here in nasik.
[Pushkar@ip-172-31-39-176 Maharashtra]$
```

## Karnataka Cities

```
[Pushkar@ip-172-31-39-176 Karnataka]$ ls
Bangalore   Hubli   Mysore
```

## Cities Description

```
[Pushkar@ip-172-31-39-176 Karnataka]$ ls
Bangalore   Hubli   Mysore
[Pushkar@ip-172-31-39-176 Karnataka]$ cat Bangalore
An IT Hub of India.
[Pushkar@ip-172-31-39-176 Karnataka]$ cat Mysore
Mysore Palace is here in Mysore KA.
[Pushkar@ip-172-31-39-176 Karnataka]$ cat Hubli
Another district of KA.
```

## Tamil Nadu Cities

```
[Pushkar@ip-172-31-39-176 Tamil_Nadu]$ ls
Chennai   Madhurai   Vellore
```

## Cities Description

```
[Pushkar@ip-172-31-39-176 Tamil_Nadu]$ nano Chennai
[Pushkar@ip-172-31-39-176 Tamil_Nadu]$ cat Chennai
Healthy state of India.
[Pushkar@ip-172-31-39-176 Tamil_Nadu]$ nano Vellore
[Pushkar@ip-172-31-39-176 Tamil_Nadu]$ cat Vellore
VIT college is here in Vellore.
[Pushkar@ip-172-31-39-176 Tamil_Nadu]$ nano Madhurai
[Pushkar@ip-172-31-39-176 Tamil_Nadu]$ cat Madhurai
Meenakshi Temple is famous here.
```

## Andhra Pradesh Cities

```
[Pushkar@ip-172-31-39-176 Andhra_Pradesh]$ ls
Chittor  Tirupathi  Vizag
```

## Cities Description

```
[Pushkar@ip-172-31-39-176 Andhra_Pradesh]$ nano Tirupathi
[Pushkar@ip-172-31-39-176 Andhra_Pradesh]$ cat Tirupathi
Balaji temple is here.
[Pushkar@ip-172-31-39-176 Andhra_Pradesh]$ nano Vizag
[Pushkar@ip-172-31-39-176 Andhra_Pradesh]$ cat Vizag
Nice town
[Pushkar@ip-172-31-39-176 Andhra_Pradesh]$ nano Chittor
[Pushkar@ip-172-31-39-176 Andhra_Pradesh]$ cat Chittor
Shivaji Rao ruled here.
```

## Git Installation

```
[root@ip-172-31-39-176 India]# sudo yum install git -y
Last metadata expiration check: 0:52:24 ago on Thu Jul 18 16:08:00 2024.
Dependencies resolved.
================================================================================
 Package              Architecture    Version                   Repository      Size
================================================================================
Installing:
 git                  x86_64          2.40.1-1.amzn2023.0.3      amazonlinux     54 k
Installing dependencies:
 git-core             x86_64          2.40.1-1.amzn2023.0.3      amazonlinux     4.3 M
 git-core-doc         noarch          2.40.1-1.amzn2023.0.3      amazonlinux     2.6 M
 perl-Error           noarch          1:0.17029-5.amzn2023.0.2   amazonlinux     41 k
 perl-File-Find       noarch          1.37-477.amzn2023.0.6      amazonlinux     26 k
 perl-Git             noarch          2.40.1-1.amzn2023.0.3      amazonlinux     42 k
 perl-TermReadKey     x86_64          2.38-9.amzn2023.0.2        amazonlinux     36 k
 perl-lib             x86_64          0.65-477.amzn2023.0.6      amazonlinux     15 k

Transaction Summary
================================================================================
Install  8 Packages

Total download size: 7.1 M
Installed size: 34 M
```

# Git operations

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Andhra_Pradesh/
        Karnataka/
        Maharashtra/
        Tamil_Nadu/

nothing added to commit but untracked files present (use "git add" to track)
[root@ip-172-31-39-176 India]# git add .
[root@ip-172-31-39-176 India]# git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   Andhra_Pradesh/Chittor
        new file:   Andhra_Pradesh/Tirupathi
        new file:   Andhra_Pradesh/Vizag
        new file:   Karnataka/Bangalore
        new file:   Karnataka/Hubli
        new file:   Karnataka/Mysore
        new file:   Maharashtra/Mumbai
```

# Git Connection from local →Remote_repo

```
[root@ip-172-31-39-176 India]# git remote add origin https://github.com/PR-25f/Linux_Task-2.git
[root@ip-172-31-39-176 India]# git remote
origin
```

# Pushing of files into GitHub

```
Username for 'https://github.com': PR-25f
Password for 'https://PR-25f@github.com':
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (18/18), 1.14 KiB | 387.00 KiB/s, done.
Total 18 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/PR-25f/Linux_Task-2.git
 * [new branch]      master -> master
```

# States Folder in GitHub



# Andhra Pradesh

# Karnataka



# Tamil Nadu

# Maharashtra