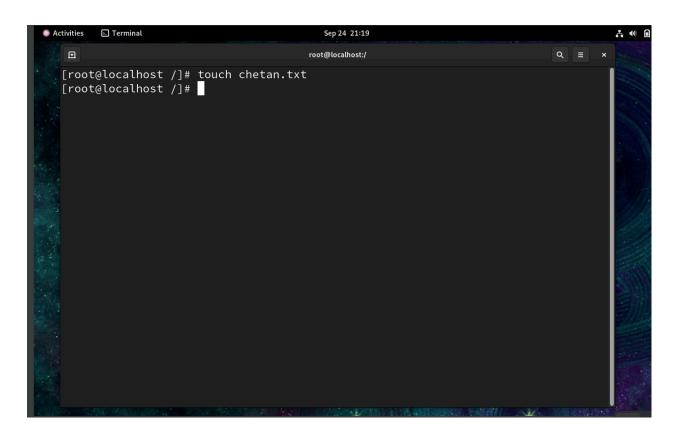
# Q.4 Use chmod command to change the permission of newly created file

- 1. Change the permission to rwxrwxr\_\_\_
- 2. First create the file by using touch command



3.As you can see the file has been created

```
[root@localhost /]# ls
afs boot chetan.txt etc lib media opt root sbin sys usr
bin chetan dev home lib64 mnt proc run srv tmp var
[root@localhost /]#
```

4.Use Is -Id command to check the file default permission

```
Activities | Terminal | Sep 24 21:22 | Response | Sep 24 21:22 | Response | Sep 24 21:23 | Response | Sep 24 21:24 | Sep 24 21:25 | Sep 24 21:18 | Sep 24 21
```

5. We have to use chmod command to change the file permission

```
Sep 24 21:26
Activities

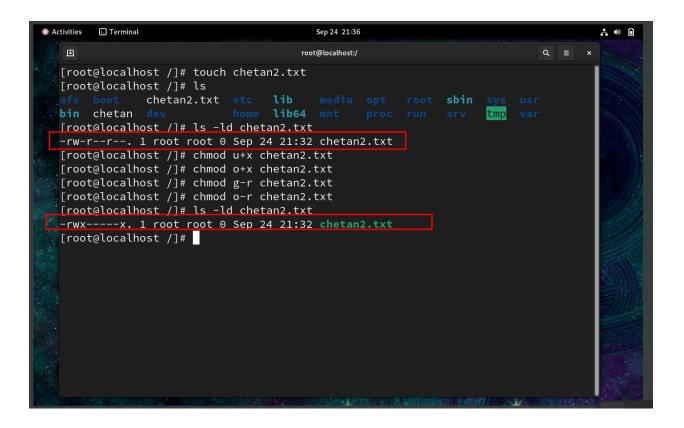
    Terminal

                                          root@localhost:/
  [root@localhost /]# touch chetan.txt
  [root@localhost /]# ls -ld chetan.txt
  -rw-r--r--. 1 root root 0 Sep 24 21:18 chetan.txt
  [root@localhost /]# ls
  afs boot chetan.txt etc lib media opt root bin chetan dev home lib64 mnt proc run
                                                                 sbin sys usr
  [root@localhost /]# ls -ld chetan.txt
  -rw-r--r-. 1 root root 0 Sep 24 21:18 chetan.txt
  [root@localhost /]# chmod u+x chetan.txt
  [root@localhost /]# chmod g+w chetan.txt
  [root@localhost /]# chmod g+x chetan.txt
  [root@localhost /]#
```

### 6. As you can see the file permission has been changed

```
A (0)
Activities 🖸 Terminal
                                         Sep 24 21:28
                                      root@localhost:/
                                                                           ⅎ
  [root@localhost /]# touch chetan.txt
  [root@localhost /]# ls -ld chetan.txt
  -rw-r--r-. 1 root root 0 Sep 24 21:18 chetan.txt
  [root@localhost /]# ls
  afs boot chetan.txt etc lib
  bin chetan dev
  [root@localhost /]# ls -ld chetan.txt
  -rw-r--r-. 1 root root 0 Sep 24 21:18 chetan.txt
  [root@localhost /]# chmod u+x chetan.txt
  [root@localhost /]# chmod g+w chetan.txt
  [root@localhost /]# chmod g+x chetan.txt
  [root@localhost /]# ls -ld chetan.txt
  -rwxrwxr--. 1 root root 0 Sep 24 21:18 chetan.txt
  [root@localhost /]#
```

### 7. Change the permission to rwx\_\_\_\_x



8. Change the permission to \_\_\_\_wx

```
Activities

    Terminal
    ■

                                           Sep 24 21:39
   ∄
                                         root@localhost:/
  [root@localhost /]# touch chetan3.txt
  [root@localhost /]# ls
                chetan3.txt etc
                                    lib
                             home lib64 mnt
                                                                      tmp
  <mark>bin</mark> chetan <mark>dev</mark>
  [root@localhost /]# ls -ld chetan3.txt
  -rw-r--r-. 1 root root 0 Sep 24 21:37 chetan3.txt
  [root@localhost /]# chmod u-r chetan3.txt
  [root@localhost /]# chmod u-w chetan3.txt
  [root@localhost /]# chmod g-r chetan3.txt
  [root@localhost /]# chmod o-r chetan3.txt
  [root@localhost /]# chmod o+w chetan3.txt
  [root@localhost /]# chmod o+x chetan3.txt
  [root@localhost /]# ls -ld chetan3.txt
 -----wx. 1 root root 0 Sep 24 21:37 chetan3.txt
  [root@localhost /]#
```

# 9. Give write permission to the owner

```
Activities

    Terminal

                                                      Sep 24 21:47
                                                                                                              A (0)
    ⅎ
                                                   root@localhost:/
   [root@localhost /]# touch chetan4.txt
   [root@localhost /]# ls
   afs boot chetan4.txt etc lib media opt root sbin sys usr
bin chetan dev home lib64 mnt proc run srv tmp var
   [root@localhost /]# ls -ld chetan4.txt
   -rw-r--r-. 1 root root 0 Sep 24 21:44 chetan4.txt
   [root@localhost /]# chmod u+w chetan4.txt
   [root@localhost /]# chmod u-r chetan4.txt
[root@localhost /]# chmod g-r chetan4.txt
[root@localhost /]# chmod o-r chetan4.txt
   [root@localhost /]# ls -ld chetan4.txt
   --w-----. 1 root r<u>o</u>ot 0 Sep 24 21:44 chetan4.txt
   [root@localhost /]#
```

#### 10. Give execute permission to the group owner

```
Activities

    Terminal
    ■

                                          Sep 24 21:48
   ⅎ
                                        root@localhost:/
                                                                              Q ≡
  [root@localhost /]# touch chetan4.txt
  [root@localhost /]# ls
               chetan4.txt etc
                                           media opt root sbin sys usr
                                   lib
  <mark>bin</mark> chetan <mark>dev</mark>
                             home lib64 mnt
                                                                     tmp
  [root@localhost /]# ls -ld chetan4.txt
  -rw-r--r-. 1 root root 0 Sep 24 21:44 chetan4.txt
  [root@localhost /]# chmod u+w chetan4.txt
  [root@localhost /]# chmod u-r chetan4.txt
  [root@localhost /]# chmod g-r chetan4.txt
  [root@localhost /]# chmod o-r chetan4.txt
  [root@localhost /]# ls -ld chetan4.txt
  --w-----. 1 root root 0 Sep 24 21:44 chetan4.txt
  [root@localhost /]# chmod g-x chetan4.txt
  [root@localhost /]# ls -ld chetan4.txt
  --w-----. 1 root root 0 Sep 24 21:44 chetan4.txt
  [root@localhost /]# chmod g+x chetan4.txt
  [root@localhost /]# ls -ld chetan4.txt
 --w---x---. 1 root root 0 Sep 24 21:44 chetan4.txt
  [root@localhost /]#
```

# 11. Remove execute permission to others

#### 12. Set permission as owner =rw, group owner=rx, others=x

```
Activities Terminal

| Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal | Terminal |
```