linux day 2

Create a file with .txt extension (/home/demo.txt). Change the permission set if that file, so that any user can read it, group can read/write & owner can read/write/execute it.

step 1:

```
[ec2-user@ip-172-31-18-86 home]$ pwd
/home
[ec2-user@ip-172-31-18-86 home]$ sudo touch demo.txt
[ec2-user@ip-172-31-18-86 home]$ ls
demo.txt   ec2-user
[ec2-user@ip-172-31-18-86 home]$ ll
total 0
-rw-r--r--. 1 root     root      0 Jun 27 10:41 demo.txt
drwx------. 3 ec2-user ec2-user 74 Jun 27 10:38 ec2-user
[ec2-user@ip-172-31-18-86 home]$
```

create the demo.txt file

step2:

```
[ec2-user@ip-172-31-18-86 home]$ sudo chmod 764 demo.txt
[ec2-user@ip-172-31-18-86 home]$ ll
total 0
-rwxrw-r--. 1 root     root      0 Jun 27 10:41 demo.txt
drwx------. 3 ec2-user ec2-user 74 Jun 27 10:38 ec2-user
[ec2-user@ip-172-31-18-86 home]$
```

`chmod 764 /home/demo.txt` : This command sets the permissions of the file using numeric notation:

- `7` (Owner): Read, write, and execute (4+2+1)
- `6` (Group): Read and write (4+2)
- `4` (Others): Read (4)