Lab Task 1 Lab Manual

1. Create a new user called test

`sudo useradd test`

2. Create a new group called testgrp

`sudo groupadd testgrp`

3. Add the test user to the testgrp group

`sudo usermod -aG testgrp test`

4. Create 2 new files called test1.txt and test2.txt inside the /home/kali directory and them delete them.

`touch /home/kali/test1.txt && touch /home/kali/test2.txt`

```
┌──(kali㉿kali)-[~]
└─$ touch /home/kali/test1.txt && touch /home/kali/test2.txt

┌──(kali㉿kali)-[~]
└─$ ls /home/kali *.txt
cookie.txt  flag2.txt  flag.txt  hashfile.txt  outputfuff.txt  test1.txt  test2.txt
```

```
rm /home/kali/test1.txt && rm /home/kali/test2.txt
```

```
┌──(kali㉿kali)-[~]
└─$ rm /home/kali/test1.txt && rm /home/kali/test2.txt

┌──(kali㉿kali)-[~]
└─$ ls /home/kali *.txt
cookie.txt  flag2.txt  flag.txt  hashfile.txt  outputfuff.txt
```

Create a new file called my-file . Write Hello World! into the file. Change the group of this file to testgrp and give it the following permissions

a. User can read and write into the file

b. Groups can read and execute the file

c. Others can read from the file

Do this using both naming and numbers conventions.

```
┌──(kali㉿kali)-[~]
└─$ echo "Hello World" > my-file

┌──(kali㉿kali)-[~]
└─$ sudo chown :testgrp my-file

┌──(kali㉿kali)-[~]
└─$ sudo chmod u=rw,g=rx,o=r my-file

┌──(kali㉿kali)-[~]
└─$ ll my-file
-rw-r-xr-- 1 kali testgrp 12 Oct 13 10:51 my-file
```

Using Naming Convention

```
┌──(kali㉿kali)-[~]
└─$ echo "Hello World" > my-file

┌──(kali㉿kali)-[~]
└─$ sudo chown :testgrp my-file

┌──(kali㉿kali)-[~]
└─$ sudo chmod 764 my-file

┌──(kali㉿kali)-[~]
└─$ ll my-file
-rwxrw-r-- 1 kali testgrp 12 Oct 13 10:57 my-file
```

Using Numbered Convention