##Lab8 Answers.

##Question 1

```
andro@andro-VirtualBox:~/lab8/question1$ chmod g=rw,o=r directory/
andro@andro-VirtualBox:~/lab8/question1$ ls -l
total 256
drwxrw-r-- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    301 Dec 16 13:29 file.txt
-rw-rw-r-- 1 andro andro 246610 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question1$ chmod g=rx,o=--- img.png
andro@andro-VirtualBox:~/lab8/question1$ ls -l
total 256
drwxrw-r-- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    301 Dec 16 13:29 file.txt
-rw-r-x--- 1 andro andro 246610 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question1$ chmod o=--- program.py
andro@andro-VirtualBox:~/lab8/question1$ ls -l
total 256
drwxrw-r-- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    301 Dec 16 13:29 file.txt
-rw-r-x--- 1 andro andro 246610 Dec 16 13:29 img.png
-rw-rw---- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question1$ chmod u=rwx,g=rwx file.txt
andro@andro-VirtualBox:~/lab8/question1$ ls -l
total 256
drwxrw-r-- 2 andro andro   4096 Dec 16 13:29 directory
-rwxrwxr-- 1 andro andro    301 Dec 16 13:29 file.txt
-rw-r-x--- 1 andro andro 246610 Dec 16 13:29 img.png
-rw-rw---- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question1$ 
```

##Question 2

```
andro@andro-VirtualBox:~/lab8/question2$ ls -l
total 256
drwxrwxr-x 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    231 Dec 16 13:29 file.txt
-rw-rw-r-- 1 andro andro 246608 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question2$ chmod 764 directory/
andro@andro-VirtualBox:~/lab8/question2$ ls -l
total 256
drwxrw-r-- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    231 Dec 16 13:29 file.txt
-rw-rw-r-- 1 andro andro 246608 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question2$ chmod 650 img.png
andro@andro-VirtualBox:~/lab8/question2$ ls -l
total 256
drwxrw-r-- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    231 Dec 16 13:29 file.txt
-rw-r-x--- 1 andro andro 246608 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question2$ chmod 660 program.py
andro@andro-VirtualBox:~/lab8/question2$ ls -l
total 256
drwxrw-r-- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    231 Dec 16 13:29 file.txt
-rw-r-x--- 1 andro andro 246608 Dec 16 13:29 img.png
-rw-rw---- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question2$ chmod 774 file.txt
andro@andro-VirtualBox:~/lab8/question2$ ls -l
total 256
drwxrw-r-- 2 andro andro   4096 Dec 16 13:29 directory
-rwxrwxr-- 1 andro andro    231 Dec 16 13:29 file.txt
-rw-r-x--- 1 andro andro 246608 Dec 16 13:29 img.png
-rw-rw---- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question2$
```

```
andro@andro-VirtualBox:~/lab8/question2$ cd ../question3/
andro@andro-VirtualBox:~/lab8/question3$ ls -l
total 256
drwxrwxr-x 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    132 Dec 16 13:29 file.txt
-rw-rw-r-- 1 andro andro 246609 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question3$ chmod 561 directory/
andro@andro-VirtualBox:~/lab8/question3$ ls -l
total 256
dr-xrw---x 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    132 Dec 16 13:29 file.txt
-rw-rw-r-- 1 andro andro 246609 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question3$ chmod 777 img.png
andro@andro-VirtualBox:~/lab8/question3$ ls -l
total 256
dr-xrw---x 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    132 Dec 16 13:29 file.txt
-rwxrwxrwx 1 andro andro 246609 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question3$ chmod 756 program.py
andro@andro-VirtualBox:~/lab8/question3$ ls -l
total 256
dr-xrw---x 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    132 Dec 16 13:29 file.txt
-rwxrwxrwx 1 andro andro 246609 Dec 16 13:29 img.png
-rwxr-xrw- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question3$ chmod 560 file.txt
andro@andro-VirtualBox:~/lab8/question3$ ls -l
total 256
dr-xrw---x 2 andro andro   4096 Dec 16 13:29 directory
-r-xrw---- 1 andro andro    132 Dec 16 13:29 file.txt
-rwxrwxrwx 1 andro andro 246609 Dec 16 13:29 img.png
-rwxr-xrw- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question3$
```

##Question 3

Question 4

```
andro@andro-VirtualBox:~/lab8/question4$ ls -l
total 256
drwxrwxr-x 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    131 Dec 16 13:29 file.txt
-rw-rw-r-- 1 andro andro 246609 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question4$ chmod u=x,g=wx,o=rw directory/
andro@andro-VirtualBox:~/lab8/question4$ ls -l
total 256
d--x-wxrw- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    131 Dec 16 13:29 file.txt
-rw-rw-r-- 1 andro andro 246609 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question4$ chmod u=rwx,g=rx,o=--- img.png
andro@andro-VirtualBox:~/lab8/question4$ ls -l
total 256
d--x-wxrw- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    131 Dec 16 13:29 file.txt
-rwxr-x--- 1 andro andro 246609 Dec 16 13:29 img.png
-rw-rw-r-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question4$ chmod u=w,g=x program.py
andro@andro-VirtualBox:~/lab8/question4$ ls -l
total 256
d--x-wxrw- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    131 Dec 16 13:29 file.txt
-rwxr-x--- 1 andro andro 246609 Dec 16 13:29 img.png
--w---xr-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question4$ chmod u=w,g=x,o=r program,py
chmod: cannot access 'program,py': No such file or directory
andro@andro-VirtualBox:~/lab8/question4$ chmod u=w,g=x,o=r program.py
andro@andro-VirtualBox:~/lab8/question4$ ls -l
total 256
d--x-wxrw- 2 andro andro   4096 Dec 16 13:29 directory
-rw-rw-r-- 1 andro andro    131 Dec 16 13:29 file.txt
-rwxr-x--- 1 andro andro 246609 Dec 16 13:29 img.png
--w---xr-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question4$ chmod u=rx,g=rw,o=wx file.txt
andro@andro-VirtualBox:~/lab8/question4$ ls -l
total 256
d--x-wxrw- 2 andro andro   4096 Dec 16 13:29 directory
-r-xrw--wx 1 andro andro    131 Dec 16 13:29 file.txt
-rwxr-x--- 1 andro andro 246609 Dec 16 13:29 img.png
--w---xr-- 1 andro andro     21 Dec 16 13:29 program.py
andro@andro-VirtualBox:~/lab8/question4$
```