

Lab 8 | File Permissions | Answers

Assignment description [here](#)

Question 1

```
student@cis106vm: ~/lab8/question1
student@cis106vm: ~/lab8/question1
student@cis106vm:~/lab8/question1$ ls -l
total 256
drwxrwxr-x 2 student student 4096 Dec 12 23:00 directory
-rw-rw-r-- 1 student student 252 Dec 12 23:00 file.txt
-rw-rw-r-- 1 student student 246611 Dec 12 23:00 img.png
-rw-rw-r-- 1 student student 21 Dec 12 23:00 program.py
student@cis106vm:~/lab8/question1$ chmod u=rwx,g=rw,o=r /home/student/lab8/question1/directo
ry
student@cis106vm:~/lab8/question1$ chmod u=rw,g=rx *.png
student@cis106vm:~/lab8/question1$ chmod u=rw,g=rw *.py
student@cis106vm:~/lab8/question1$ chmod u=rwx,g=rwx,o=r *.txt
chmod: cannot access 'o=r': No such file or directory
student@cis106vm:~/lab8/question1$ chmod u=rwx,g=rwx,o=r *.txt
student@cis106vm:~/lab8/question1$ ls -l
total 256
drwxrw-r-- 2 student student 4096 Dec 12 23:00 directory
-rwxrwxr-- 1 student student 252 Dec 12 23:00 file.txt
-rw-r-xr-- 1 student student 246611 Dec 12 23:00 img.png
-rw-rw-r-- 1 student student 21 Dec 12 23:00 program.py
student@cis106vm:~/lab8/question1$
```

Question 2

```
student@cis106vm: ~/lab8/question2
student@cis106vm: ~/lab8/question2
student@cis106vm:~/lab8/question2$ ls -l
total 256
drwxrwxr-x 2 student student 4096 Dec 12 23:00 directory
-rw-rw-r-- 1 student student 292 Dec 12 23:00 file.txt
-rw-rw-r-- 1 student student 246610 Dec 12 23:00 img.png
-rw-rw-r-- 1 student student 21 Dec 12 23:00 program.py
student@cis106vm:~/lab8/question2$ chmod 764 /home/student/lab8/question2/directory
student@cis106vm:~/lab8/question2$ chmod 650 *.png
student@cis106vm:~/lab8/question2$ chmod 660 *.py
student@cis106vm:~/lab8/question2$ chmod 774 *.txt
student@cis106vm:~/lab8/question2$ ls -il
total 256
2228581 drwxrw-r-- 2 student student 4096 Dec 12 23:00 directory
2228568 -rwxrwxr-- 1 student student 292 Dec 12 23:00 file.txt
2228566 -rw-r-xr-- 1 student student 246610 Dec 12 23:00 img.png
2228584 -rw-rw-r-- 1 student student 21 Dec 12 23:00 program.py
student@cis106vm:~/lab8/question2$ ls -l
total 256
drwxrw-r-- 2 student student 4096 Dec 12 23:00 directory
-rwxrwxr-- 1 student student 292 Dec 12 23:00 file.txt
-rw-r-xr-- 1 student student 246610 Dec 12 23:00 img.png
-rw-rw-r-- 1 student student 21 Dec 12 23:00 program.py
student@cis106vm:~/lab8/question2$
```

Question 3

```
student@cis106vm: ~/lab8/question3
student@cis106vm: ~/lab8/question3$ ls -l
total 256
drwxrwxr-x 2 student student 4096 Dec 12 23:23 directory
-rw-rw-r-- 1 student student 152 Dec 12 23:23 file.txt
-rw-rw-r-- 1 student student 246606 Dec 12 23:23 img.png
-rw-rw-r-- 1 student student 21 Dec 12 23:23 program.py
student@cis106vm:~/lab8/question3$ chmod 561 /home/student/lab8/question3/directory
student@cis106vm:~/lab8/question3$ chmod 777 *.png
student@cis106vm:~/lab8/question3$ chmod 756 *.py
student@cis106vm:~/lab8/question3$ chmod 560 *.txt
student@cis106vm:~/lab8/question3$ ls -l
total 256
dr-xrw---x 2 student student 4096 Dec 12 23:23 directory
-r-xrw---- 1 student student 152 Dec 12 23:23 file.txt
-rwxrwxrwx 1 student student 246606 Dec 12 23:23 img.png
-rwxr-xrw- 1 student student 21 Dec 12 23:23 program.py
student@cis106vm:~/lab8/question3$
```

Question 4

```
student@cis106vm: ~/lab8/question4
student@cis106vm: ~/lab8/question4$ ls -l
total 256
drwxrwxr-x 2 student student 4096 Dec 12 23:23 directory
-rw-rw-r-- 1 student student 313 Dec 12 23:23 file.txt
-rw-rw-r-- 1 student student 246606 Dec 12 23:23 img.png
-rw-rw-r-- 1 student student 21 Dec 12 23:23 program.py
student@cis106vm:~/lab8/question4$ chmod u=x,g=wx,o=rw /home/student/lab8/question4/director
y
student@cis106vm:~/lab8/question4$ chmod u=rwx,g=rx,o=--- *.png
student@cis106vm:~/lab8/question4$ chmod u=w,g=x,o=r *.py
student@cis106vm:~/lab8/question4$ chmod u=rx,q=rw,o=wx *.txt
student@cis106vm:~/lab8/question4$ ls -l
total 256
d--x-wxrw- 2 student student 4096 Dec 12 23:23 directory
-r-xrw--wx 1 student student 313 Dec 12 23:23 file.txt
-rwxr-x--- 1 student student 246606 Dec 12 23:23 img.png
--w---xr-- 1 student student 21 Dec 12 23:23 program.py
student@cis106vm:~/lab8/question4$
```