1. Where are the UID & GID of a file stored?
2. Show the octal representation of these permissions:

rwxr-xrw-

rw-r-----

--x-w-r—

1. What will be the permission for these octal values?

567

623

421

1. If a file’s permission is 000, can root user (superuser) can edit the file?
2. Try creating a directory in the system directories /bin and /tmp. What do you notice
3. If the owner doesn’t have write permission on a file but her group has, can she edit it ?
4. What does the below command do ?

chown –R project .

chgrp –R project \*

1. Explain what this command does.

Ls –ld .

Ls –l ..

1. Create a file name “foo”. How do you assign all permissions to the owner and remove all permissions from others using relative and absolute permissions.
2. Assuming that a file’s current permission are rw-r-xr-- , specify the chmod expression required to change them to rwxrwxrwx , r--r----- , ---------

Please use both absolute and relative method