**Question**

Change the permissions of a file named "example.txt" to allow read, write and execute permissions for the owner, read and write permissions for the group and only read permission for others.

**Solution:**

a. Using absolute Method

chmod 764 example.txt

b. Using the Symbolic Method

chmod u=rwx,g=rw,o=r example.txt

**u=rwx(7):** Sets the owner (u for user) permissions to read, write, and execute (rwx).

**g=rw(6):** Sets the group (g) permissions to read and write (rw).

**o=r(4):** Sets the others (o) permissions to read only (r).