In this part you will simply change the permissions, ownership and the group of the items in a directory. Below are two listings of the same directory. The first listing shows the directory before you make changes to it. The second listing shows how the directory should look after you change the permissions, owner and group appropriately. Write the commands necessary to make these changes in the appropriate table position on the next sheet. Assume you are **gboyd** and are connected to this directory. You should write the simplest set of commands possible to change each file. (NOTE: I have indicated in the table that you must use symbolic or absolute mode for several of these. You may use whatever mode you want for the others.)

(Yes, I know you cannot change the owner and group as instructed. Assume you can for the purposes of this exercise and write the corresponding commands.)

For easy use when you print this exercise set double-sided, the answers are on page two and the practice table (to fill in with your answers) are on the last page.

```
-r--r--r--    1 gboyd    cisdept    0 Mar 20 19:15 afile
-rw-rw-rw-    1 gboyd    cisdept    0 Mar 20 19:15 bar
-rw-------    1 gboyd    cisdept    0 Mar 20 19:15 file1
-rw-r--r--    1 gboyd    cisdept    0 Mar 20 19:15 file2
---x--x---    1 gboyd    cisdept    0 Mar 20 19:15 google
-rw-------    1 gboyd    cisdept    0 Mar 20 19:15 help
----------    1 gboyd    cisdept    0 Mar 20 19:15 info
-rw-r--r--    1 gboyd    cisdept    0 Mar 20 19:15 kooky
-rw----r--    1 gboyd    cisdept    0 Mar 20 19:15 mom
-rw-rw-r--    1 gboyd    cisdept    0 Mar 20 19:15 zebra



-r-xr-xr-x    1 gboyd    cisdept    0 Mar 20 19:15 afile
-rw-r--r--    1 gboyd    cisdept    0 Mar 20 19:15 bar
---xrw----    1 ralph    cisdept    0 Mar 20 19:15 file1
-rwxr-xr-x    1 gboyd    cisdept    0 Mar 20 19:15 file2
-rwxr-----    1 gboyd    c74173     0 Mar 20 19:15 google
-------r--    1 gboyd    cisdept    0 Mar 20 19:15 help
-rw-rw-rw-    1 root     sys        0 Mar 20 19:15 info
----------    1 gboyd    cisdept    0 Mar 20 19:15 kooky
---x---rwx    1 gboyd    cisdept    0 Mar 20 19:15 mom
-rw-------    1 gboyd    cisdept    0 Mar 20 19:15 zebra
```

Practice 2 Key

	symbolic mode	absolute mode
afile	chmod uog+x afile	chmod 555 afile
bar	chmod og-w bar	chmod 644 bar
file1	chmod u=x,g=rw file1 chown ralph file1	chmod 160 file1 chown ralph file1
file2	chmod uog+x file2	chmod 755 file2
google	chmod u+rw,g=r google chgrp c74173 google	chmod 740 google chgrp c74173 google
help	chmod o=r,u= help	chmod 4 help
info	chmod uog+rw info chgrp sys info chown root info	chmod 666 info chgrp sys info chown root info
kooky	chmod uog= kooky	chmod 0 kooky
mom	chmod u=x,o+wx mom	chmod 107 mom
zebra	chmod g-rw,o-r zebra	chmod 600 zebra

Item	Write *complete commands* in this column. (***Don't forget to change owner and group if needed.***)	
	symbolic mode commands	absolute mode commands
afile		
bar		
file1		
file2		
google		
help		
info		
kooky		
mom		
zebra		