Name _____

Mohawk Valley Community College
CI 132 Lab 12

Provide the command necessary to solve the following problems. The command string provided should be in its simplest possible form (don't use two commands where one will accomplish the task).

1. Set permissions on the file **data** so that the owner can read and write, the group can read, and everyone else can read the file.

2. Set permissions on file **data** so that the owner can read and write and the group can only read (no permissions for everyone else)

3. Add write permissions for the group to the file **prog1**

4. Add write permissions for the group and others to the file **data**

5. Remove the ability of everyone but the owner to list the contents of directory **dir1** and grant all users on the system the ability to cd into it. This must be accomplished with one instance of the chmod command.

6. Set permissions on directory **dir1** so only the owner has full permissions and the group can access it

7. Remove all write permissions from the files ending with **.c**

8. Provide the umask value so all newly created files can only be read by and written to by the owner. Newly created directories can only be accessed and read by the owner.

9. Provide the umask value so all newly created files can be read by and written to by the owner and read by members of the group. The owner will have full access to newly created directories, the group will be able to access and list their contents, other users on the system will have no permission.

10. Create the empty file **test**

11. Move all files with the extension **.c** located in **/tmp/** into the directory **c_code** (that is a child of your home directory)