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\* hw01q2 – Creating directories using GNU GCC Screenshots

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\* Completion time : 20 hours

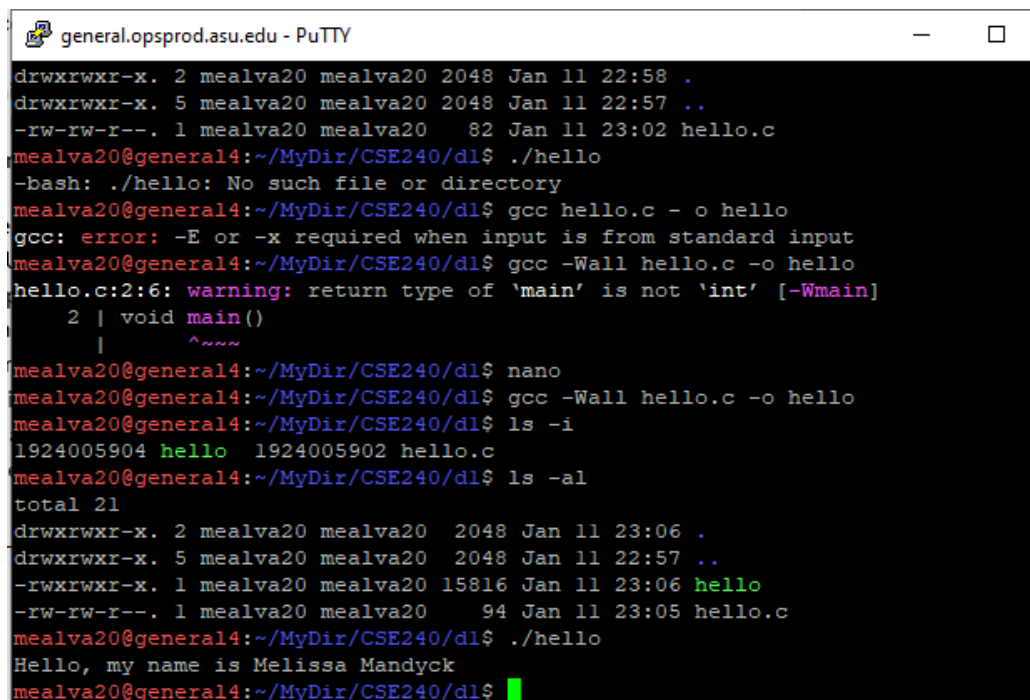
\*

\* @author Melissa Mandyck , Acuna code used

\* @version January 14th, 2024

\*/

2.4:



```
general.opsprod.asu.edu - PuTTY
drwxrwxr-x. 2 mealva20 mealva20 2048 Jan 11 22:58 .
drwxrwxr-x. 5 mealva20 mealva20 2048 Jan 11 22:57 ..
-rw-rw-r--. 1 mealva20 mealva20 82 Jan 11 23:02 hello.c
mealva20@general14:~/MyDir/CSE240/d1$ ./hello
-bash: ./hello: No such file or directory
mealva20@general14:~/MyDir/CSE240/d1$ gcc hello.c -o hello
gcc: error: -E or -x required when input is from standard input
mealva20@general14:~/MyDir/CSE240/d1$ gcc -Wall hello.c -o hello
hello.c:2:6: warning: return type of 'main' is not 'int' [-Wmain]
     2 | void main()
       |      ^~~~
mealva20@general14:~/MyDir/CSE240/d1$ nano
mealva20@general14:~/MyDir/CSE240/d1$ gcc -Wall hello.c -o hello
mealva20@general14:~/MyDir/CSE240/d1$ ls -i
1924005904 hello 1924005902 hello.c
mealva20@general14:~/MyDir/CSE240/d1$ ls -al
total 21
drwxrwxr-x. 2 mealva20 mealva20 2048 Jan 11 23:06 .
drwxrwxr-x. 5 mealva20 mealva20 2048 Jan 11 22:57 ..
-rwxrwxr-x. 1 mealva20 mealva20 15816 Jan 11 23:06 hello
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:05 hello.c
mealva20@general14:~/MyDir/CSE240/d1$ ./hello
Hello, my name is Melissa Mandyck
mealva20@general14:~/MyDir/CSE240/d1$
```

2.5:

```
general.opsprod.asu.edu - PuTTY
mealva20@general4:/home$ cd /MyDir
-bash: cd: /MyDir: No such file or directory
mealva20@general4:/home$ cd MyDir
-bash: cd: MyDir: No such file or directory
mealva20@general4:/home$ cd CSE240
-bash: cd: CSE240: No such file or directory
mealva20@general4:/home$ cd ~/MyDir
mealva20@general4:~/MyDir$ cd ~/MyDir/CSE240
mealva20@general4:~/MyDir/CSE240$ cd ~/MyDir/CSE240/d2
mealva20@general4:~/MyDir/CSE240/d2$ ^C
mealva20@general4:~/MyDir/CSE240/d2$ ^C
mealva20@general4:~/MyDir/CSE240/d2$ cp -t ~/MyDir/CSE240/d2 ~/MyDir/CSE240/d1/hello ~/MyDir/CSE240/d1/hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ls -i
1924005906 hello 1924005908 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ls -al
total 21
drwxrwxr-x. 2 mealva20 mealva20 2048 Jan 11 23:20 .
drwxrwxr-x. 5 mealva20 mealva20 2048 Jan 11 22:57 ..
-rwxrwxr-x. 1 mealva20 mealva20 15816 Jan 11 23:20 hello
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:20 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
Hello, my name is Melissa Mandyck
mealva20@general4:~/MyDir/CSE240/d2$
```

## 2.6 part 1:

```

general.opsprod.asu.edu - PuTTY
mealva20@general4:~/MyDir$ cd ~/MyDir/CSE240
mealva20@general4:~/MyDir/CSE240$ cd ~/MyDir/CSE240/d2
mealva20@general4:~/MyDir/CSE240/d2$ ^C
mealva20@general4:~/MyDir/CSE240/d2$ ^C
mealva20@general4:~/MyDir/CSE240/d2$ cp -t ~/MyDir/CSE240/d2 ~/MyDir/CSE240/d1/hello ~/MyDir/CSE240/d1/hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ls -l
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:20 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ls -al
total 21
drwxrwxr-x. 2 mealva20 mealva20 2048 Jan 11 23:20 .
drwxrwxr-x. 5 mealva20 mealva20 2048 Jan 11 22:57 ..
-rwxrwxr-x. 1 mealva20 mealva20 15816 Jan 11 23:20 hello
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:20 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
Hello, my name is Melissa Mandyck
mealva20@general4:~/MyDir/CSE240/d2$ chmod 660 hello
mealva20@general4:~/MyDir/CSE240/d2$ ls -l
total 17
-rw-rw----. 1 mealva20 mealva20 15816 Jan 11 23:20 hello
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:20 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
-bash: ./hello: Permission denied
mealva20@general4:~/MyDir/CSE240/d2$

```

## 2.6 part 2:

```

general.opsprod.asu.edu - PuTTY
mealva20@general4:~/MyDir/CSE240/d2$ ^C
mealva20@general4:~/MyDir/CSE240/d2$ cp -t ~/MyDir/CSE240/d2 ~/MyDir/CSE240/d1/hello ~/MyDir/CSE240/d1/hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ls -l
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:20 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ls -al
total 21
drwxrwxr-x. 2 mealva20 mealva20 2048 Jan 11 23:20 .
drwxrwxr-x. 5 mealva20 mealva20 2048 Jan 11 22:57 ..
-rwxrwxr-x. 1 mealva20 mealva20 15816 Jan 11 23:20 hello
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:20 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
Hello, my name is Melissa Mandyck
mealva20@general4:~/MyDir/CSE240/d2$ chmod 660 hello
mealva20@general4:~/MyDir/CSE240/d2$ ls -l
total 17
-rw-rw----. 1 mealva20 mealva20 15816 Jan 11 23:20 hello
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:20 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
-bash: ./hello: Permission denied
mealva20@general4:~/MyDir/CSE240/d2$ chmod 711 hello
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
Hello, my name is Melissa Mandyck
mealva20@general4:~/MyDir/CSE240/d2$

```

## 2.7:

```

general.opsprod.asu.edu - PuTTY
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
Hello, my name is Melissa Mandyck
mealva20@general4:~/MyDir/CSE240/d2$ chmod 660 hello
mealva20@general4:~/MyDir/CSE240/d2$ ls -l
total 17
-rw-rw----. 1 mealva20 mealva20 15816 Jan 11 23:20 hello
-rw-rw-r--. 1 mealva20 mealva20 94 Jan 11 23:20 hello.c
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
-bash: ./hello: Permission denied
mealva20@general4:~/MyDir/CSE240/d2$ chmod 711 hello
mealva20@general4:~/MyDir/CSE240/d2$ ./hello
Hello, my name is Melissa Mandyck
mealva20@general4:~/MyDir/CSE240/d2$ cd ~/MyDir/CSE240
mealva20@general4:~/MyDir/CSE240$ ls -l
total 6
drwxrwxr-x. 4 mealva20 mealva20 2048 Jan 11 23:08 d1
drwxrwxr-x. 2 mealva20 mealva20 2048 Jan 11 23:20 d2
drwxrwxr-x. 2 mealva20 mealva20 2048 Jan 11 22:57 d3
mealva20@general4:~/MyDir/CSE240$ rm -r d2/
mealva20@general4:~/MyDir/CSE240$ ls -l
total 4
drwxrwxr-x. 4 mealva20 mealva20 2048 Jan 11 23:08 d1
drwxrwxr-x. 2 mealva20 mealva20 2048 Jan 11 22:57 d3
mealva20@general4:~/MyDir/CSE240$

```