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## SMALL ASSIGNMENT 16

Discussion on a high level with your colleagues is encouraged. Make sure the work submitted is your own. When in doubt, ask a TA or the instructor. If you are not sure what constitutes academic dishonesty, please refer to the AISC web site: https://aisc.uci.edu/.

You can fill out your answers below in text, paste screenshots, and/or include images (make sure the image is right side up & legible).

This homework covers:

- Screenshot #1
    - create a folder for eecs20 labeled *eecs20*
    - change directory to the *eecs20* folder
    - list the contents of the current directory
    - print the current working directory
    - create a file name *newFile.c*
    - list the contents of the current directory
- Task A (no screenshot)
    - edit/modify *newFile.c* file to contain the following code (with your name in place of <your name here>, etc):

```
// newFile.c - first Linux C program example
// <your name here>
// <date completed here>
#include <stdio.h>

// main function - prints a hello message
int main(void)
{
   printf("Hello EECS 20!");
   return 0;
}
/* EOF */
```

- Screenshot #2
    - display contents of *newFile.c*
- Screenshot #3
    - list contents of current directory
    - make a copy of *newFile.c* as *helloEECS20.c*
    - list contents of current directory
- Task B (no screenshot)
    - edit/modify the first line of *helloEECS20.c* to read:

```
// helloEECS20.c - first Linux C program example
```

- Screenshot #4
    - display contents of *helloEECS20.c*
- Screenshot #5
    - list contents of current directory
    - delete/remove *newFile.c*
    - list contents of current directory
    - print the current working directory
    - return to your account home/main directory
    - print the current working directory

## AISC

Please initial here to indicate you understand UCI's Academic Integrity Policy and confirm that this is your own work you are submitting (this counts for points): CPZ

## SCREENSHOT #1 – FIRST DIRECTORY AND FILE

```
[chpeters@crystalcove ~]$ mkdir eecs20
[chpeters@crystalcove ~]$ cd eecs20
[chpeters@crystalcove ~/eecs20]$ ls -l
total 0
[chpeters@crystalcove ~/eecs20]$ pwd
/users/ugrad/chpeters/eecs20
```

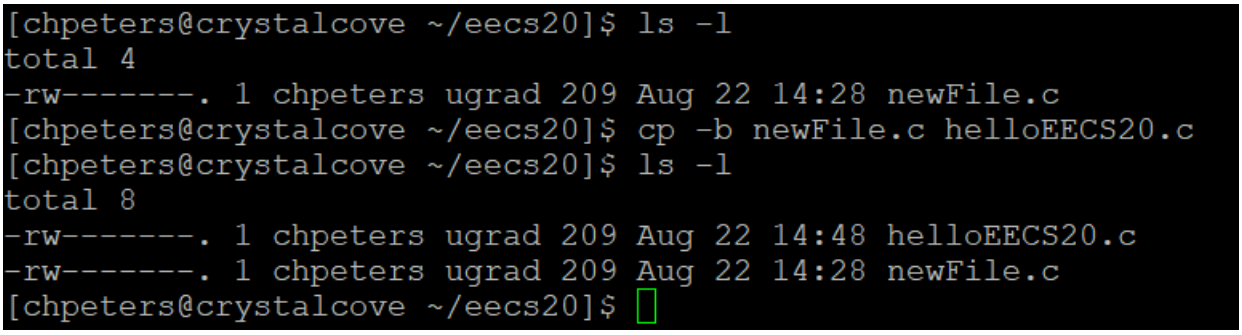
```
[chpeters@crystalcove ~/eecs20]$ vi newFile.c
[chpeters@crystalcove ~/eecs20]$ ls -l
total 4
-rw-------. 1 chpeters ugrad 5 Aug 22 14:20 newFile.c
[chpeters@crystalcove ~/eecs20]$
```

## SCREENSHOT #2 – NEWFILE.C CONTENTS

chpeters@crystalcove:~/eecs20

```
 1 // newFile.c - first Linux C Program example
 2 // Cameron Peterson-Zopf
 3 // 8/22/25
 4 #include <stdio.h>
 5
 6 // main function - prints a hello message
 7 int main(void)
 8 {
 9         printf("hello EECS 20!");
10         return 0
11 }
12 /* EOF */
```

SCREENSHOT #3 – UPDATED DIRECTORY CONTENTS




SCREENSHOT #4 – HELLOEECS20.C CONTENTS

chpeters@crystalcove:~/eecs20

```
 1 // newFile.c - first Linux C Program example
 2 // Cameron Peterson-Zopf
 3 // 8/22/25
 4 #include <stdio.h>
 5
 6 // main function - prints a hello message
 7 int main(void)
 8 {
 9         printf("hello EECS 20!");
10         return 0
11 }
12 /* EOF */
```

```
helloEECS20.c" 12L, 209C                                      1,1
```

SCREENSHOT #5 – FINAL DIRECTORY CONTENTS AND GOING HOME

```
[chpeters@crystalcove ~/eecs20]$ ls -l
total 8
-rw-------. 1 chpeters ugrad 209 Aug 22 14:48 helloEECS20.c
-rw-------. 1 chpeters ugrad 209 Aug 22 14:28 newFile.c
[chpeters@crystalcove ~/eecs20]$ rm newFile.c
[chpeters@crystalcove ~/eecs20]$ ls -l
total 4
-rw-------. 1 chpeters ugrad 209 Aug 22 14:48 helloEECS20.c
[chpeters@crystalcove ~/eecs20]$ pwd
/users/ugrad/chpeters/eecs20
[chpeters@crystalcove ~/eecs20]$ cd ~
[chpeters@crystalcove ~]$ pwd
/users/ugrad/chpeters
[chpeters@crystalcove ~]$
```