Evan Miller

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CS140U

Lab 4

User A:  
  
1. Confirm working directory:

$ pwd (/home/student/evan.miller/)  
  
2. create a new temp directory:  
   
 $ mkdir temp (/home/student/evan.miller/temp)  
  
3. Create data.txt file:  
   
 $ touch data.txt  
  
4. Set file access permissions for all users:  
   
 $ chmod a+rw data.txt  
  
5. Move file to temp directory:   
  
 $ mv data.txt /home/student/UserB/temp  
  
6. Hard link to data.txt in User B's directory:  
  
 $ ln data.txt /home/student/UserB/file1/data\_2.txt  
  
7. Confirm link:   
   
 $ ls -l /home/student/UserB/file1/data.txt

User B:  
  
1. Confirm working directory:

$ pwd (/home/student/”User B’s name”/)  
  
2. Change user directory permissions to allow read and write access by another user.  
  
 $ chmod a+rwx /home/student/UserB   
   
3. Create a new directory for file1 in /home/student/UserB using command  
  
 $ mkdir file1  
  
4. Change permissions for other users:  
  
 $ chmod a+rwx /home/student/UserB/file1  
   
 The owner and other users should have drwxrwxrwx permissions.  
  
5. Access file1 directory (/home/student/”User B’s Name”/file1)  
 and display the contents:  
  
 $ cat data\_2.txt