Lab 4 Task 2

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Questions:

1. Command 2: What are the inode values of file1.txt and file2.txt? Are they the same or different?

2. Command 2: Next, edit file2.txt and change its contents. After you have done so, examine the contents of file1.txt. Are the contents of file1.txt and file2.txt the same or different?

   - The inode values are the same
   - The contents are the same.

3. Command 3: Does file2.txt still exist as well?

   - File2.txt still exists after removing file1.txt

4. Command 4: What system call is used for removing file2.txt?

   - unlinkat(AT_FDCWD, "file2.txt", 0) = 0

5. Command 5: Are the inodes the same, or is each unique? Alter contents of file4, are contents in file3 changed?

   - Inode file3.txt → 4981408
   - Inode file4.txt → 4991374
   - After altering file4, file3 was updated to the same contents.

6. Command 6: Last, delete file3.txt. After you have done so, explain what happens when you attempt to edit file4.txt

   - After deleting file3.txt, the contents of file4.txt disappeared. file4.txt is Read-Only mode. It cannot be changed.