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I confirm that I understand my coursework needs to be submitted online via MST Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.

Aim:

To showcase the execution of Linux commands in Debian for tasks such as user identification, file handling, and directory management in a step-by-step manner.

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Steps required:

Step 1: Write “Script alscript” on Debian to start script

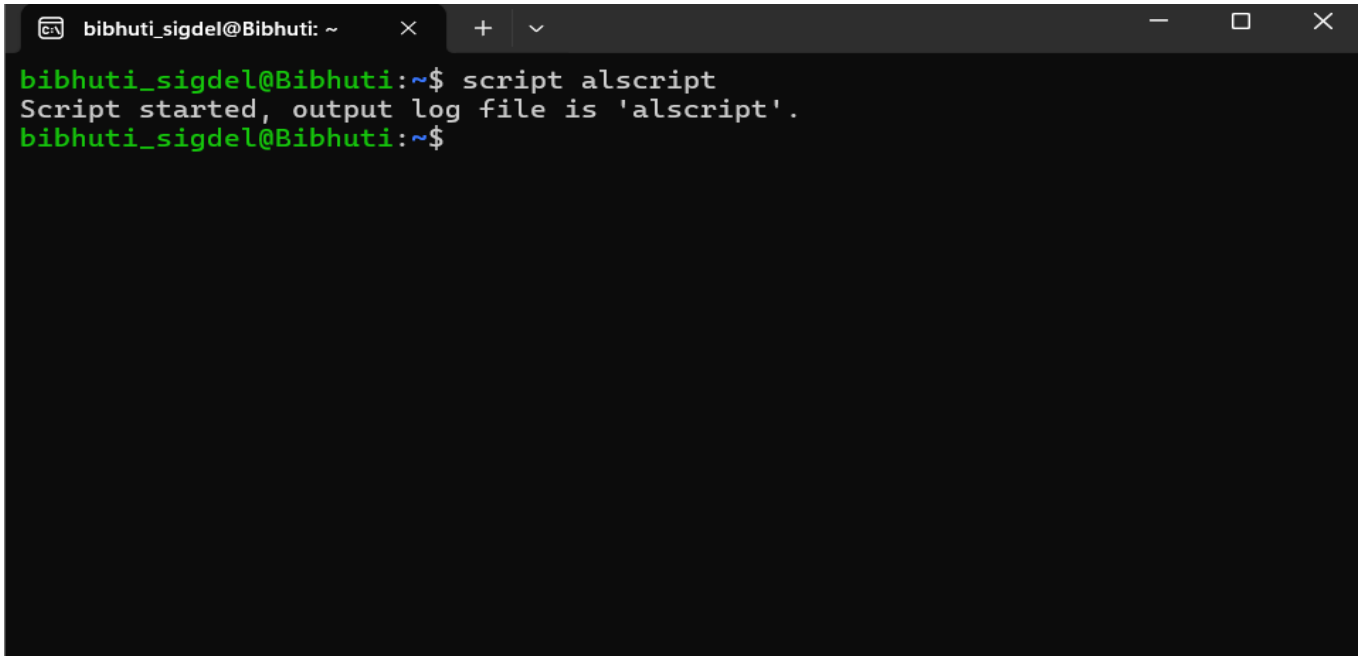

Figure 1:Script alscript

Step 2: Type “whoami” command to see username.

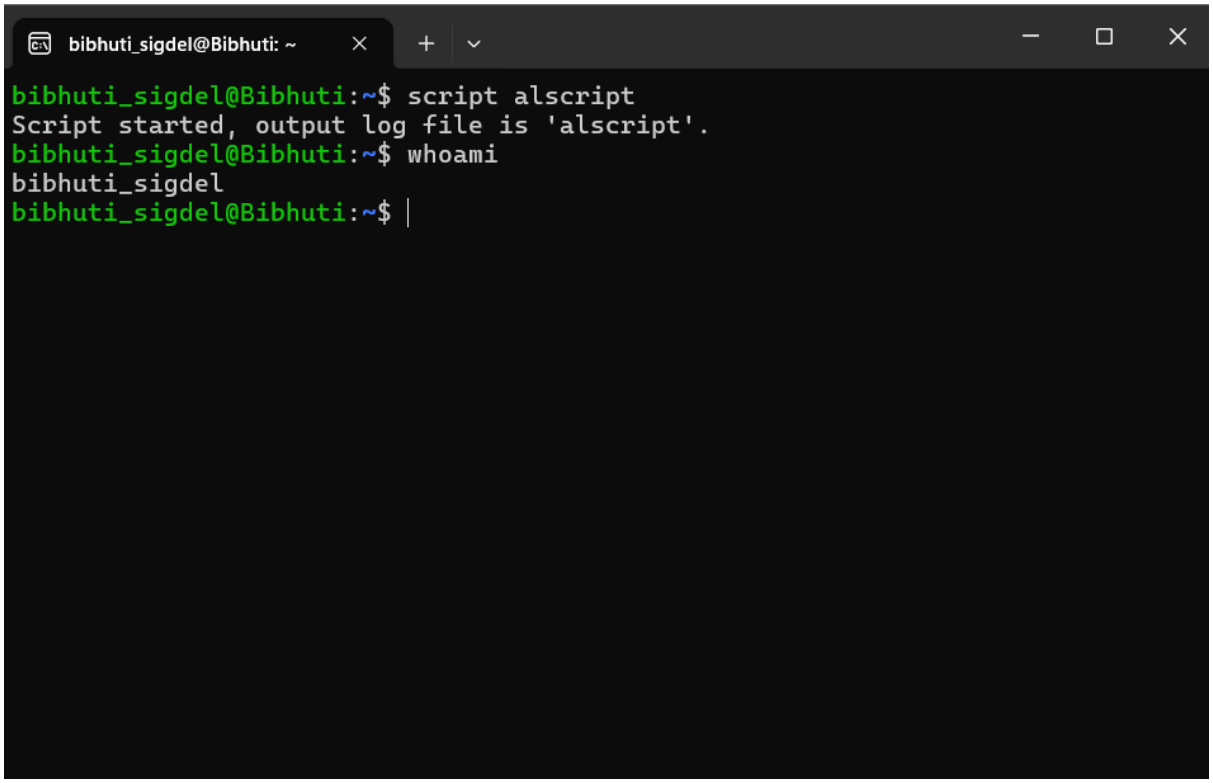

Figure 2: whoami to see username

Step 3: Type “date” command to see current date.

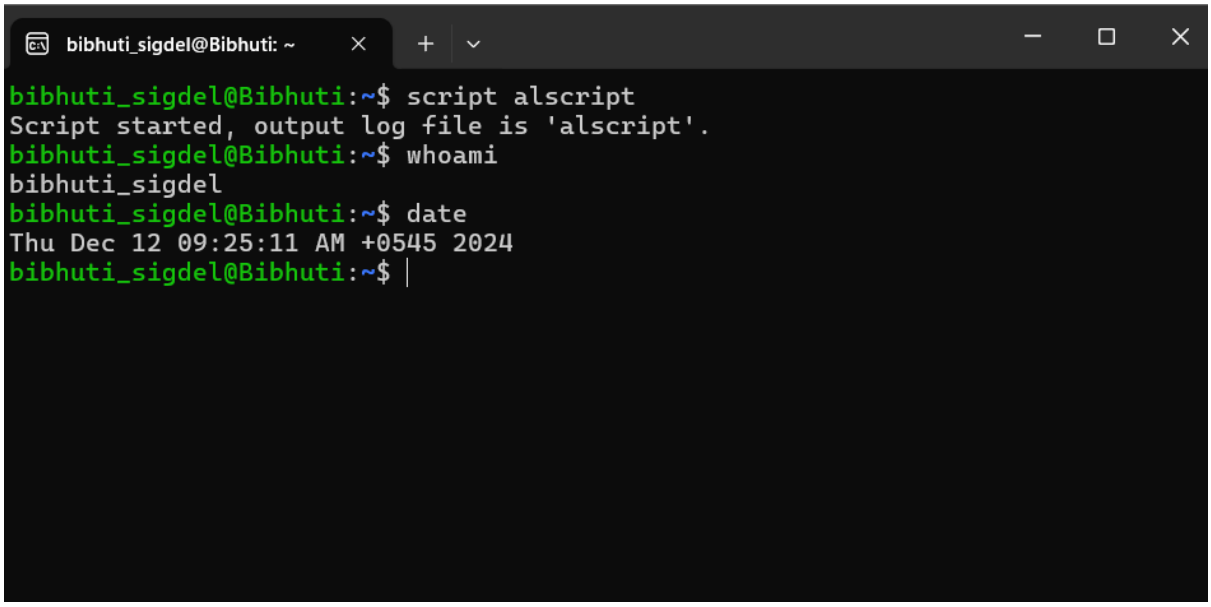

Figure 3: "date" to see current date

Step 4: Type command “LS” to list directory to display current directory’s visible files and folders.

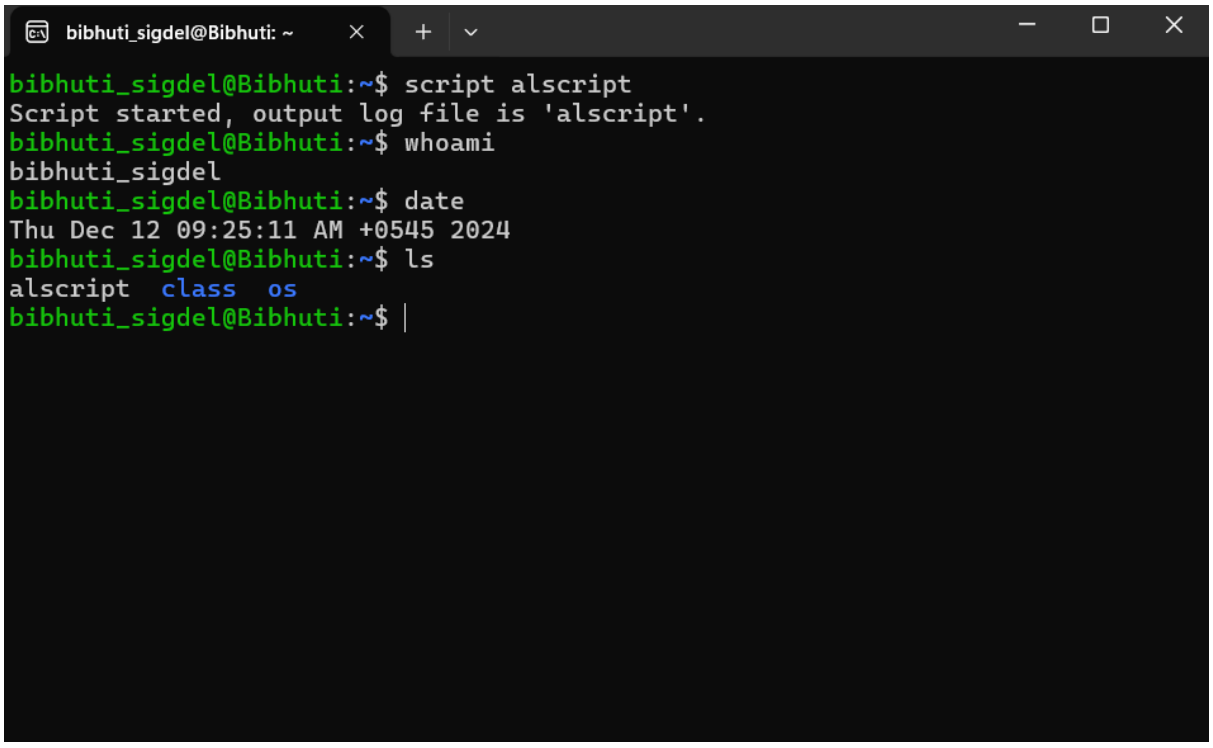

Figure 4: "ls" command to display current directory

Step 5: Type “ls -a” command as it shows hidden files and directories among all files.

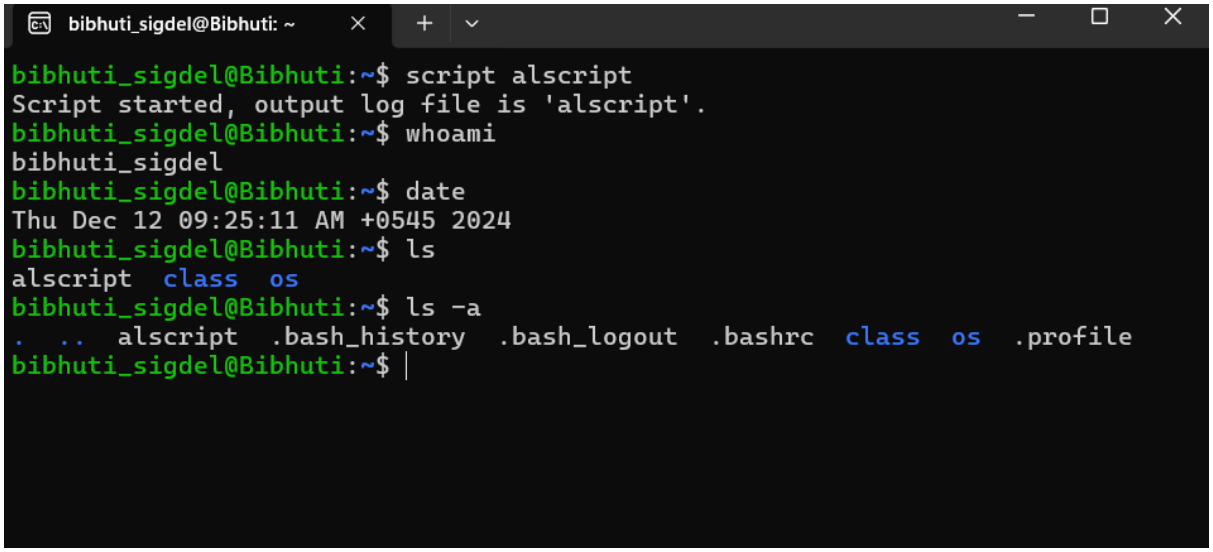

Figure 5: "ls -a" command to show hidden files and directories

Step 6: Type command "ls -a -l" as it will provide a comprehensive list of all directories and files, even hidden ones.

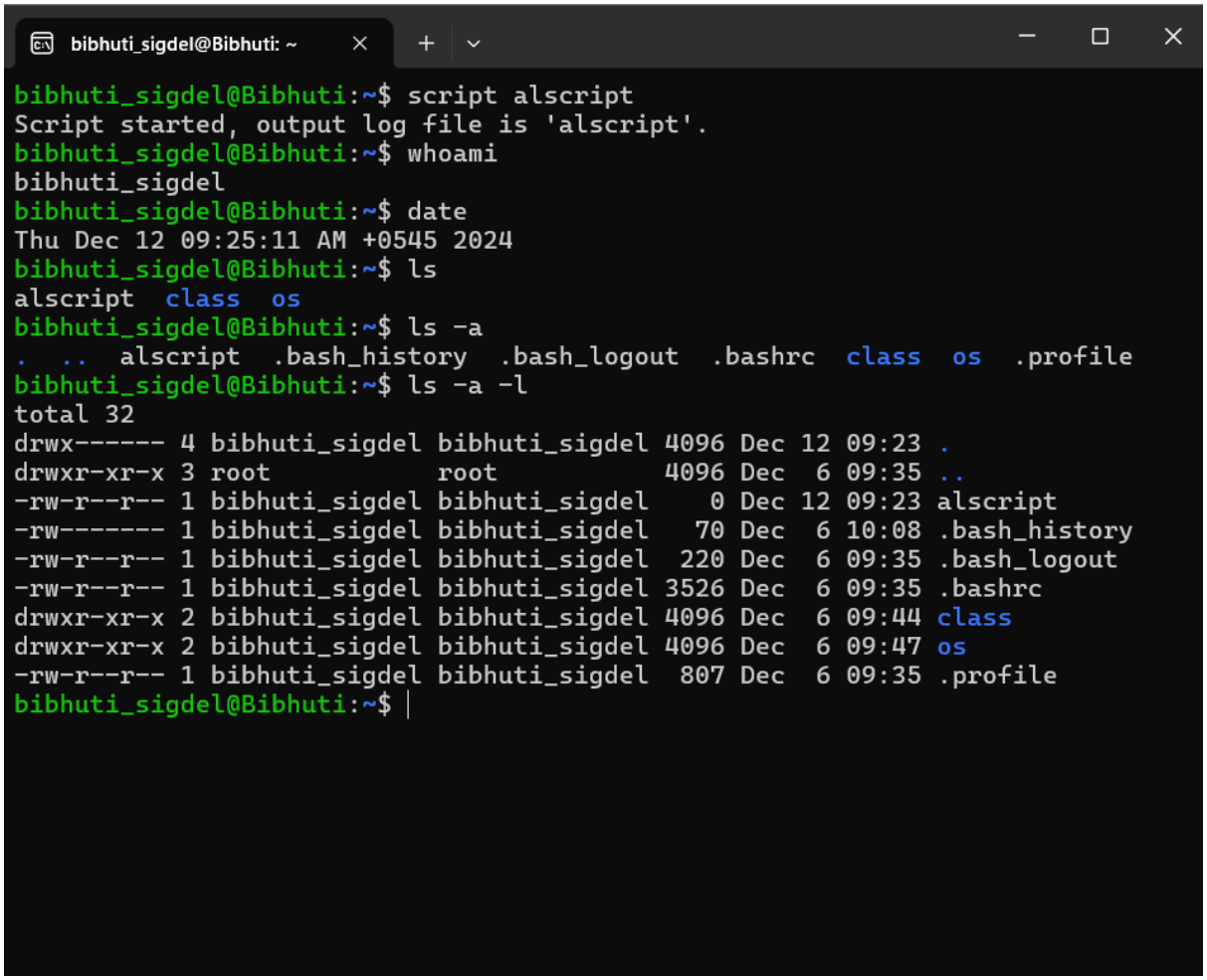

Figure 6: "ls -a -l" command to provide comprehensive list of all hidden directories and file

Step 7: Type "cat/etc/passwd" command.

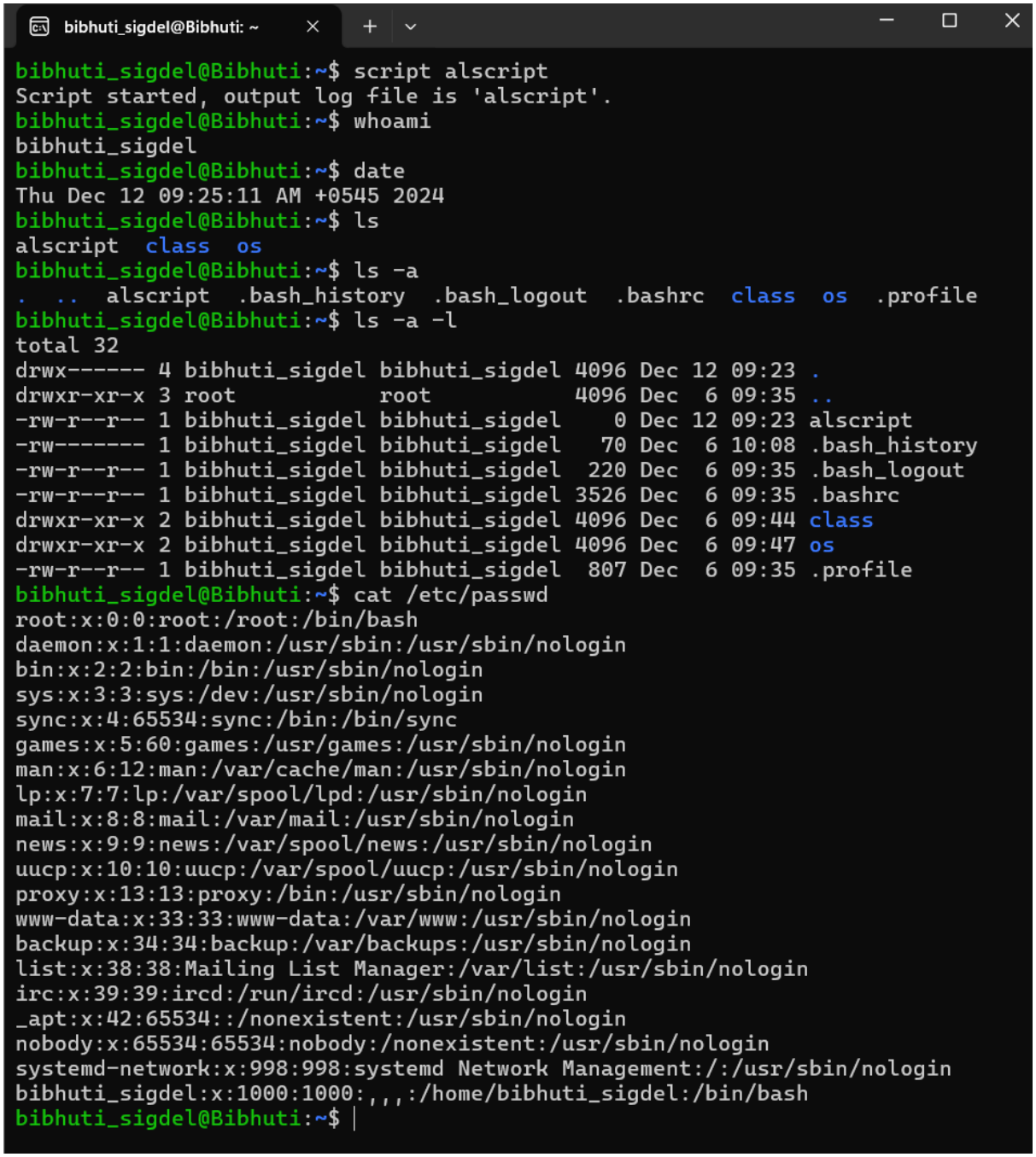

Figure 7:"cat/etc/passwd" command

Step 8: Type “echo “This is one-line file” > test1”.

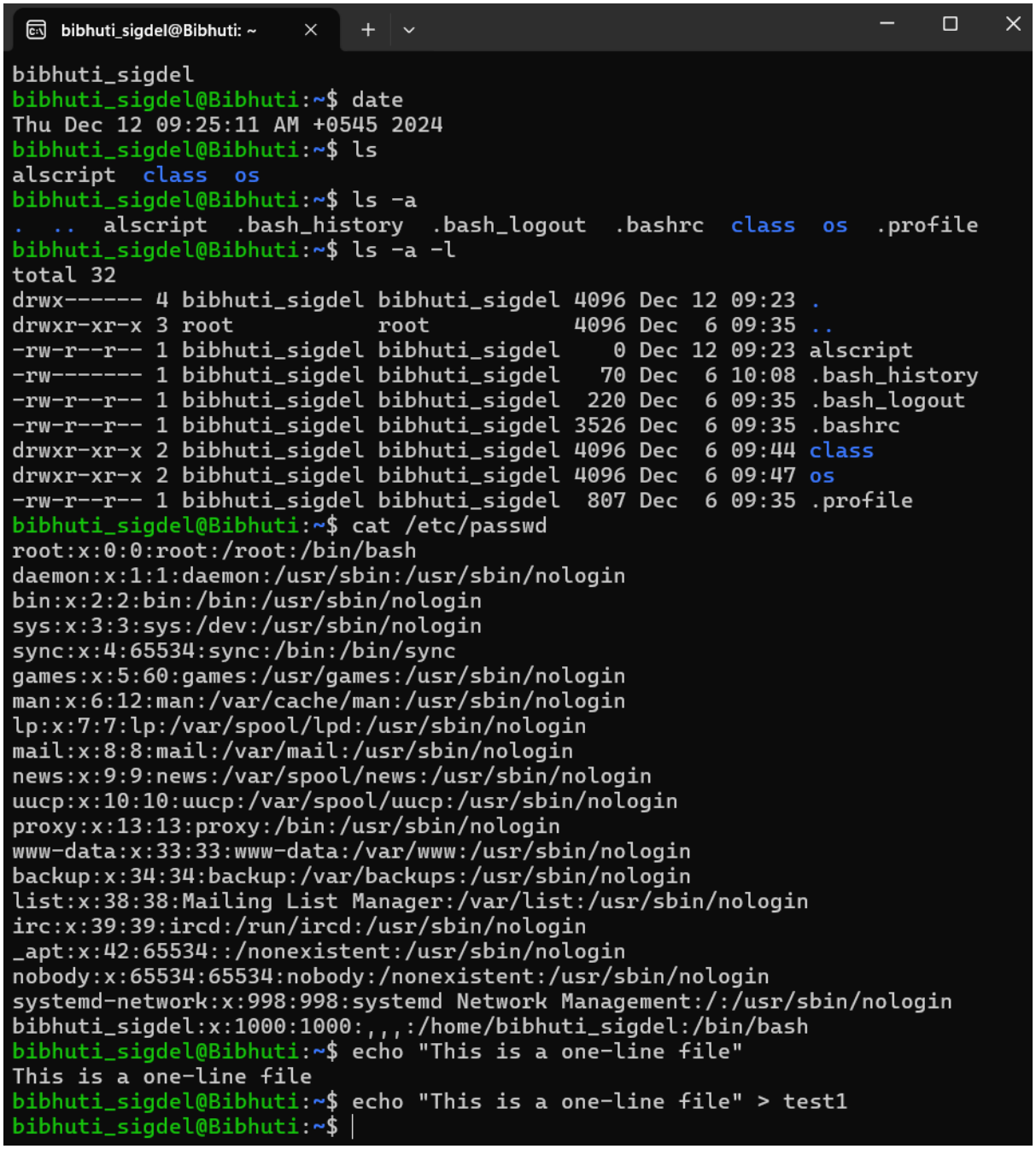

Figure 8: "echo "This is one-line file" > test1"

Step 9: Type “cat > test2” command.

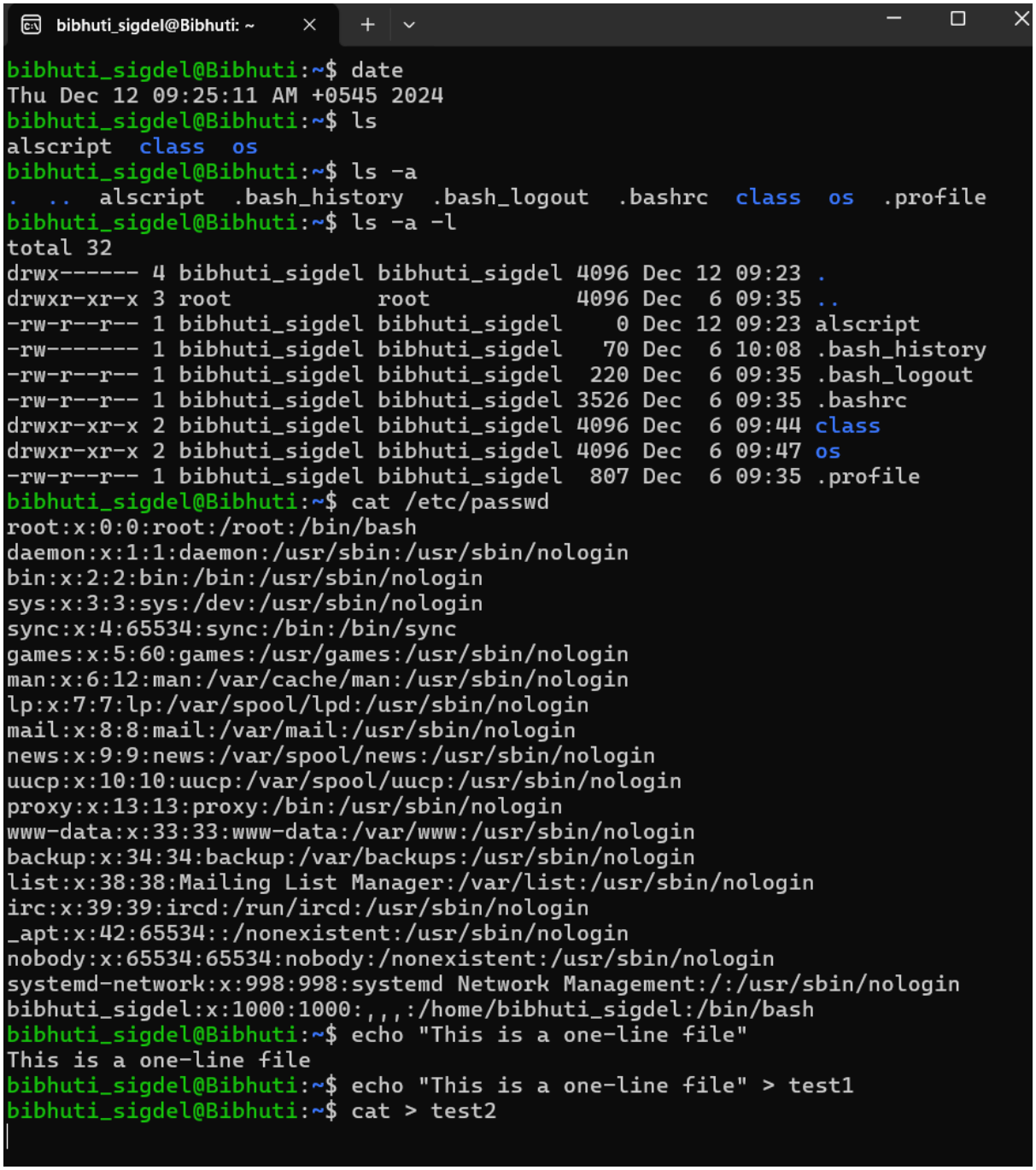

Figure 9: "cat > test2" command

Step 10: Typing command in test 2.

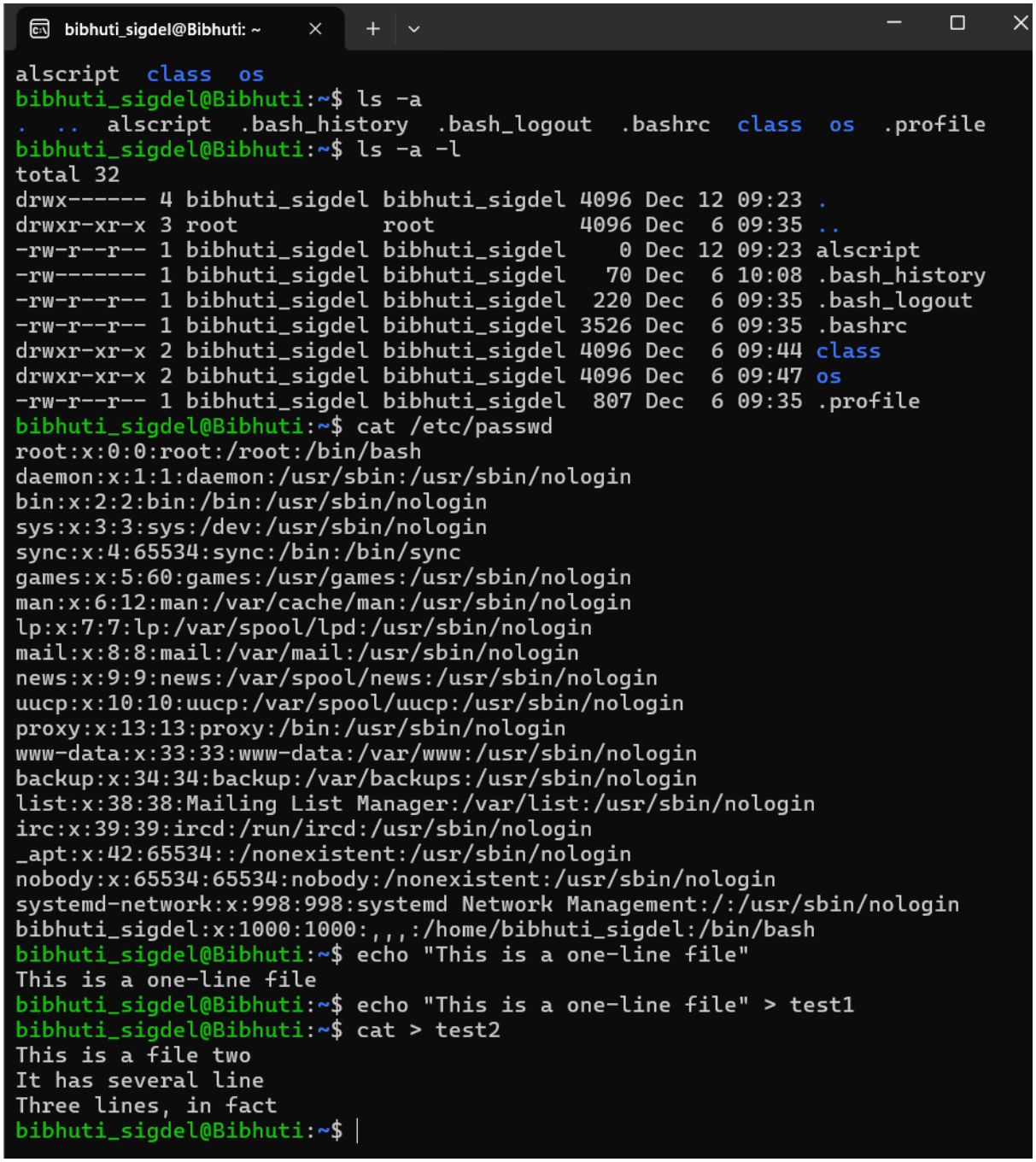

Figure 10: command in cat

Step 11: Type “cat test1 test2 > test3” command

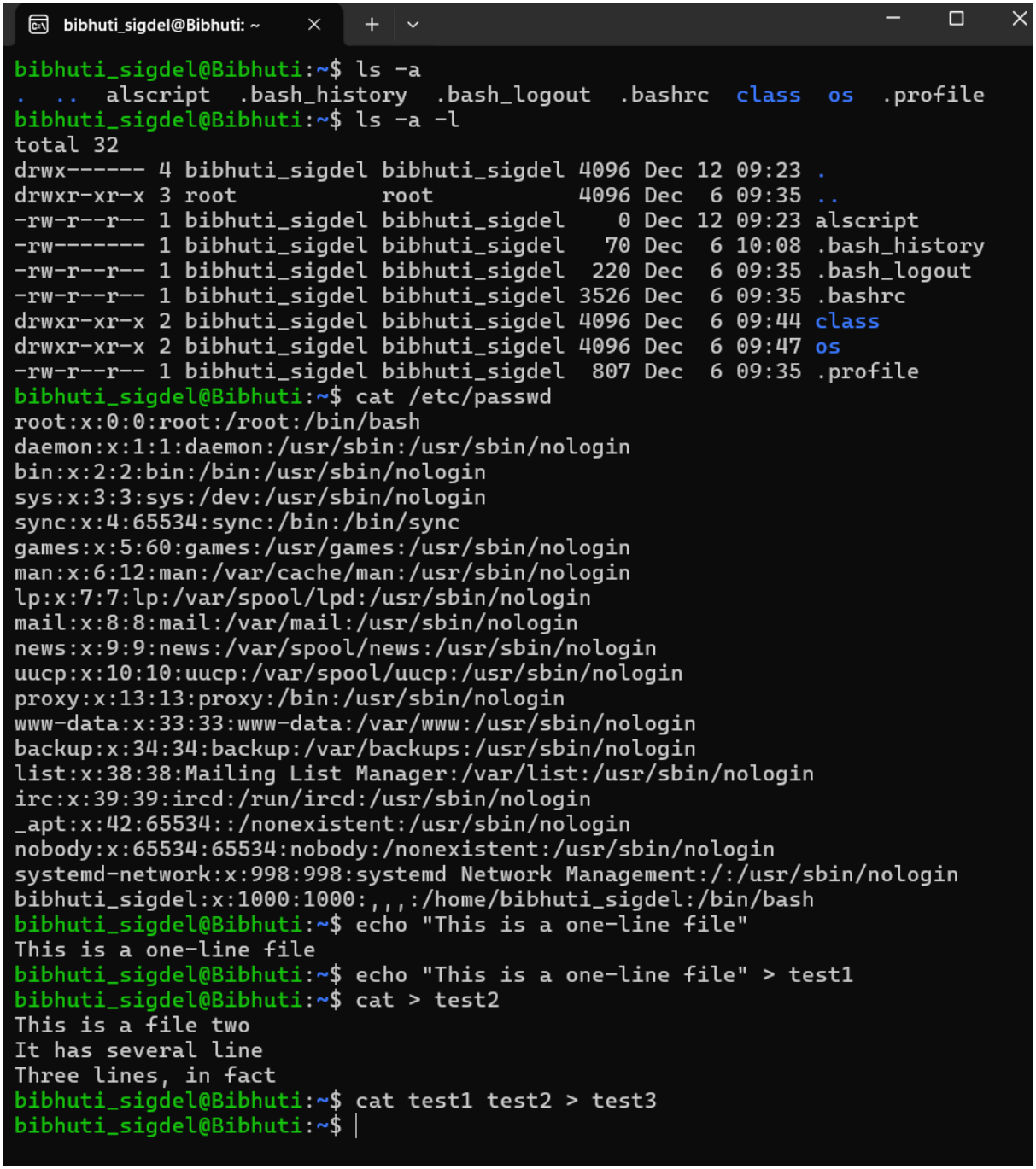

Figure 11: "cat test1 test2 > test3"

Step 12: Type “mkdir -p Nepal/ {Bagmati/ {Kathmandu, Rasuwa}, Gandaki/ {Kaski,Gorkha}”

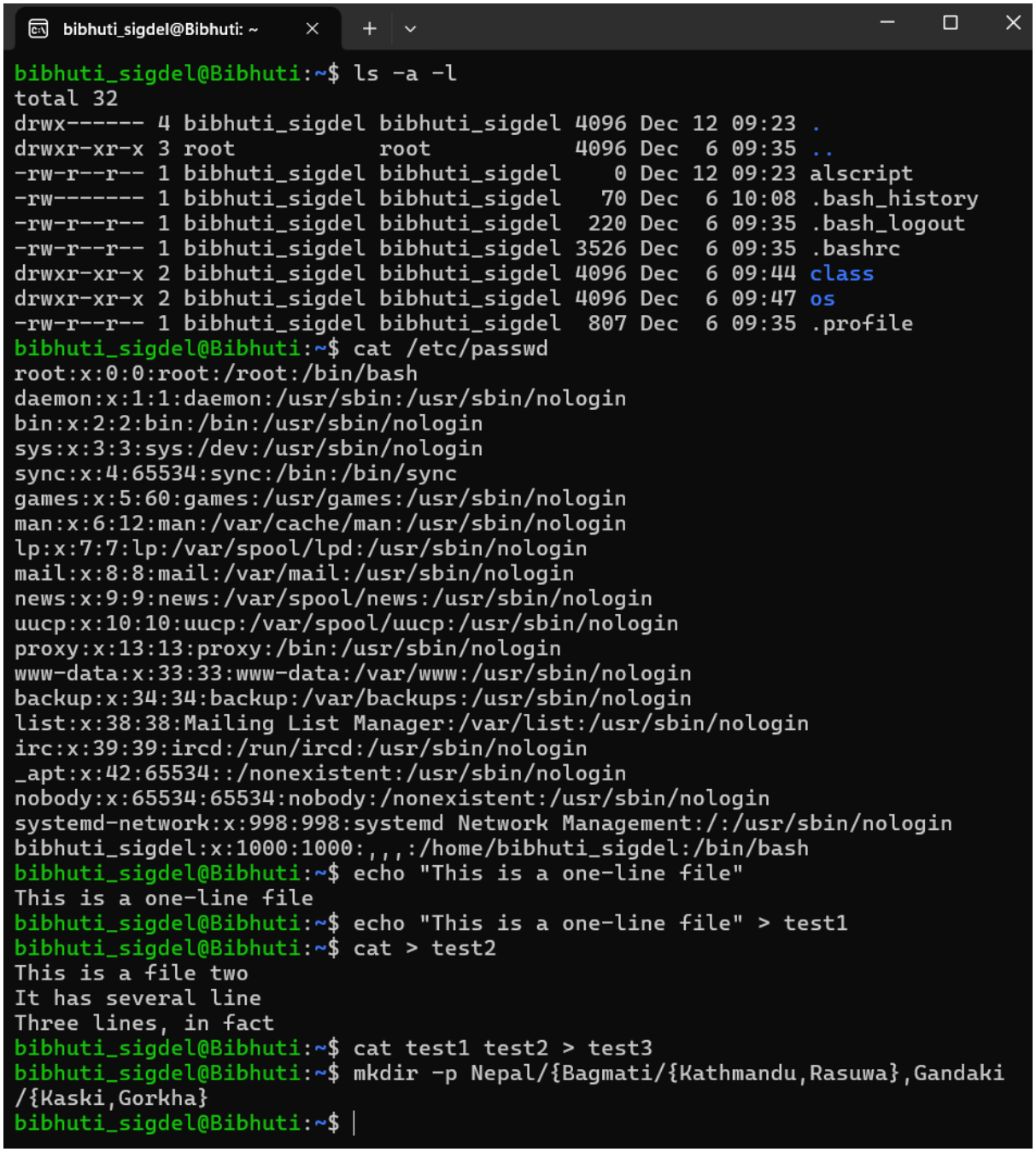

Figure 12:mkdir -p Nepal/ {Bagmati/ {Kathmandu, Rasuwa}, Gandaki/ {Kaski,Gorkha}

Step 13: Type “tree” command

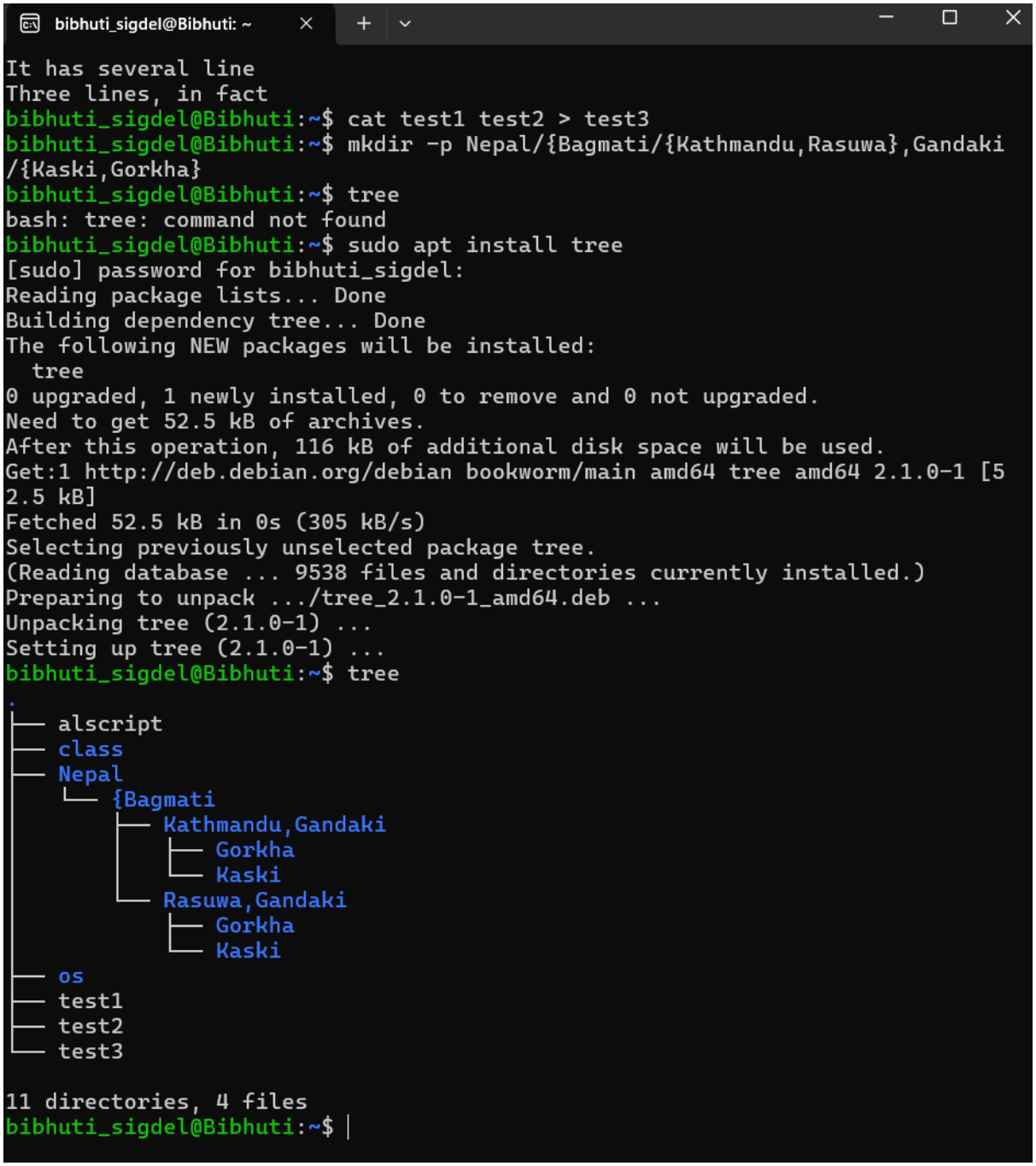

Figure 13: tree command