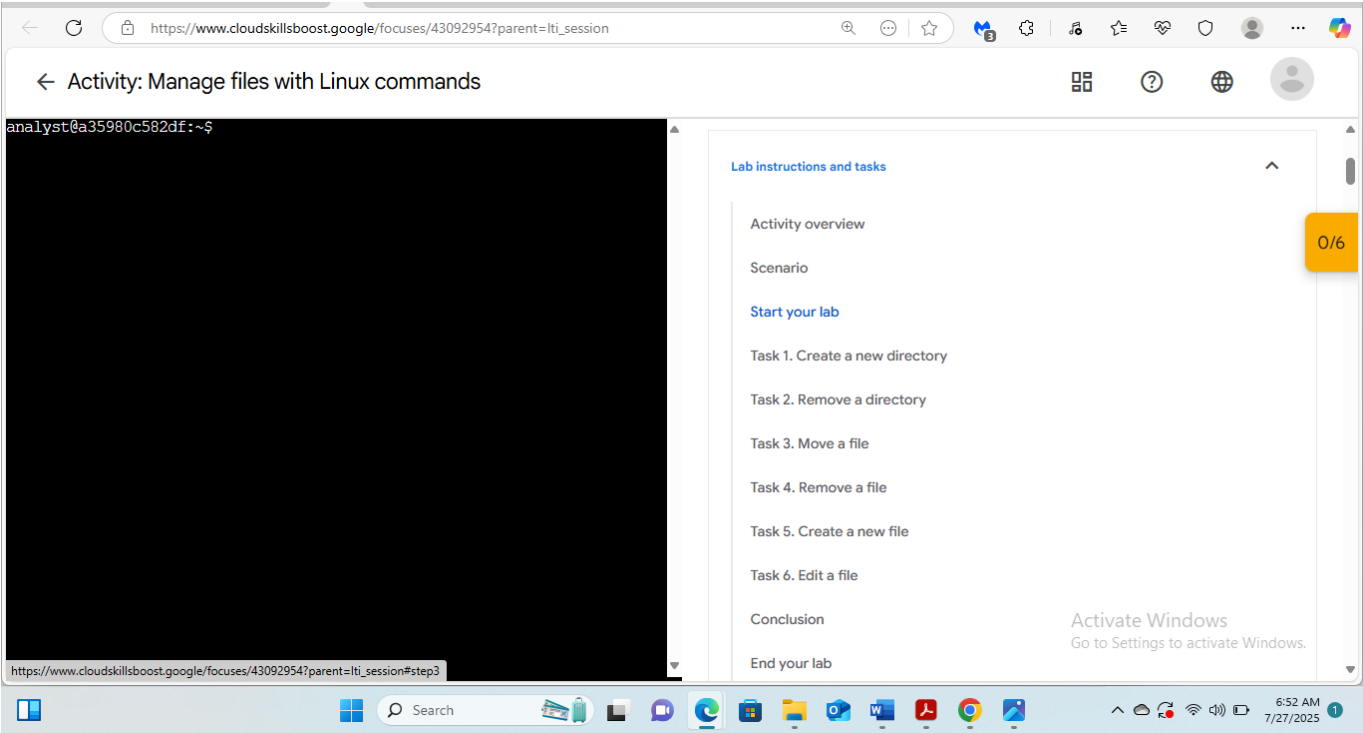Step 1: Lab started. Overview of Linux file management tasks.

Step 2: Created directories and moved Q3patches.txt to the reports folder.


```
analyst@a35980c582df:~$ mkdir logs /home/analyst
mkdir: cannot create directory '/home/analyst': File exists
analyst@a35980c582df:~$ pwd
/home/analyst
analyst@a35980c582df:~$ mkdir logs
mkdir: cannot create directory 'logs': File exists
analyst@a35980c582df:~$ ls
logs  notes  reports  temp
analyst@a35980c582df:~$ rmdir temp
analyst@a35980c582df:~$ ls
logs  notes  reports
analyst@a35980c582df:~$ cd ~/notes
analyst@a35980c582df:~/notes$ mv Q3patches.txt /home/analyst/reports
analyst@a35980c582df:~/notes$ cd /home/analyst/reports
analyst@a35980c582df:~/reports$ ls
Q1patches.txt  Q2patches.txt  Q3patches.txt
analyst@a35980c582df:~/reports$ []
```

3. List the contents of the /home/analyst/reports directory to confirm that you have moved the file successfully.

When you list the contents of the reports directory, it should show that three quarterly report files are now in the reports directory:

```
Q1patches.txt Q2patches.txt Q3patches.txt
```

Click **Check my progress** to verify that you have completed this task correctly.

Move a file

Check my progress

You have completed this task and moved the Q3patches.txt file to the reports directory.

Step 3: Removed the tempnotes.txt file from notes directory.

← Activity: Manage files with Linux commands

```
analyst@a35980c582df:~$ mkdir logs /home/analyst
mkdir: cannot create directory '/home/analyst': File exists
analyst@a35980c582df:~$ pwd
/home/analyst
analyst@a35980c582df:~$ mkdir logs
mkdir: cannot create directory 'logs': File exists
analyst@a35980c582df:~$ ls
logs  notes  reports  temp
analyst@a35980c582df:~$ rmdir temp
analyst@a35980c582df:~$ ls
logs  notes  reports
analyst@a35980c582df:~$ cd ~/notes
analyst@a35980c582df:~/notes$ mv Q3patches.txt /home/analyst/reports
analyst@a35980c582df:~/notes$ cd /home/analyst/reports
analyst@a35980c582df:~/reports$ ls
Q1patches.txt  Q2patches.txt  Q3patches.txt
analyst@a35980c582df:~/reports$ cd /home/analyst/notes
analyst@a35980c582df:~/notes$ rm tempnotes.txt
analyst@a35980c582df:~/notes$ ls
analyst@a35980c582df:~/notes$ []
```

1. Remove the `tempnotes.txt` file from the `/home/analyst/notes` directory.

2. List the contents of the `/home/analyst/notes` directory to confirm that you've removed the file successfully.

No files should be listed in the `notes` directory.

Click **Check my progress** to verify that you have completed this task correctly.

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Remove a file

✓ | Check my progress |

You have completed this task and removed the tempnotes.txt file from the notes directory!

7:08 AM
7/27/2025

Step 4: Confirmed tempnotes.txt is deleted, notes directory is empty.

```
analyst@a35980c582df:~$ mkdir logs /home/analyst
mkdir: cannot create directory '/home/analyst': File exists
analyst@a35980c582df:~$ pwd
/home/analyst
analyst@a35980c582df:~$ mkdir logs
mkdir: cannot create directory 'logs': File exists
analyst@a35980c582df:~$ ls
logs  notes  reports  temp
analyst@a35980c582df:~$ rmdir temp
analyst@a35980c582df:~$ ls
logs  notes  reports
analyst@a35980c582df:~$ cd ~/notes
analyst@a35980c582df:~/notes$ mv Q3patches.txt /home/analyst/reports
analyst@a35980c582df:~/notes$ cd /home/analyst/reports
analyst@a35980c582df:~/reports$ ls
Q1patches.txt  Q2patches.txt  Q3patches.txt
analyst@a35980c582df:~/reports$ cd /home/analyst/notes
analyst@a35980c582df:~/notes$ rm tempnotes.txt
analyst@a35980c582df:~/notes$ ls
analyst@a35980c582df:~/notes$ []
```

1. Remove the `tempnotes.txt` file from the `/home/analyst/notes` directory.

2. List the contents of the `/home/analyst/notes` directory to confirm that you've removed the file successfully.

No files should be listed in the `notes` directory.

Click **Check my progress** to verify that you have completed this task correctly.

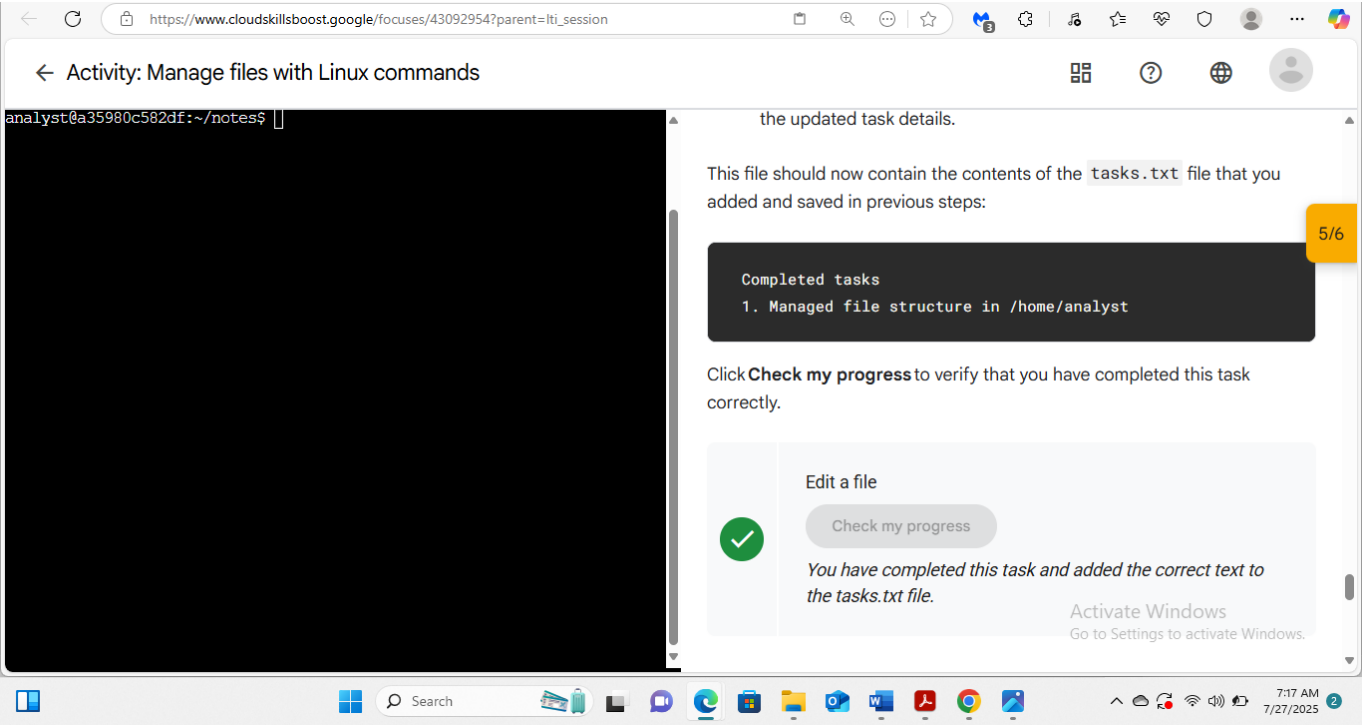Remove a file

✓ Check my progress

You have completed this task and removed the tempnotes.txt file from the notes directory!

Activate Windows
Go to Settings to activate Windows.

Step 5: Edited tasks.txt file with completed task summary.

← Activity: Manage files with Linux commands

```
analyst@a35980c582df:~/notes$
```

the updated task details.

This file should now contain the contents of the `tasks.txt` file that you added and saved in previous steps:

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```
Completed tasks
1. Managed file structure in /home/analyst
```

Click **Check my progress** to verify that you have completed this task correctly.

Edit a file

✓ | Check my progress

You have completed this task and added the correct text to the tasks.txt file.

Activate Windows
Go to Settings to activate Windows.

🔍 Search

7:17 AM
7/27/2025

Step 6: Lab conclusion confirms experience with Linux commands.

analyst@a35980c582df:~/notes$

Conclusion

Great work!

You now have practical experience in using basic Linux Bash shell commands to

- create and remove directories,
- copy, move, and remove files, and
- edit files with the nano text editor.

You're well on your way to managing directories and files in a Linux environment!

End your lab