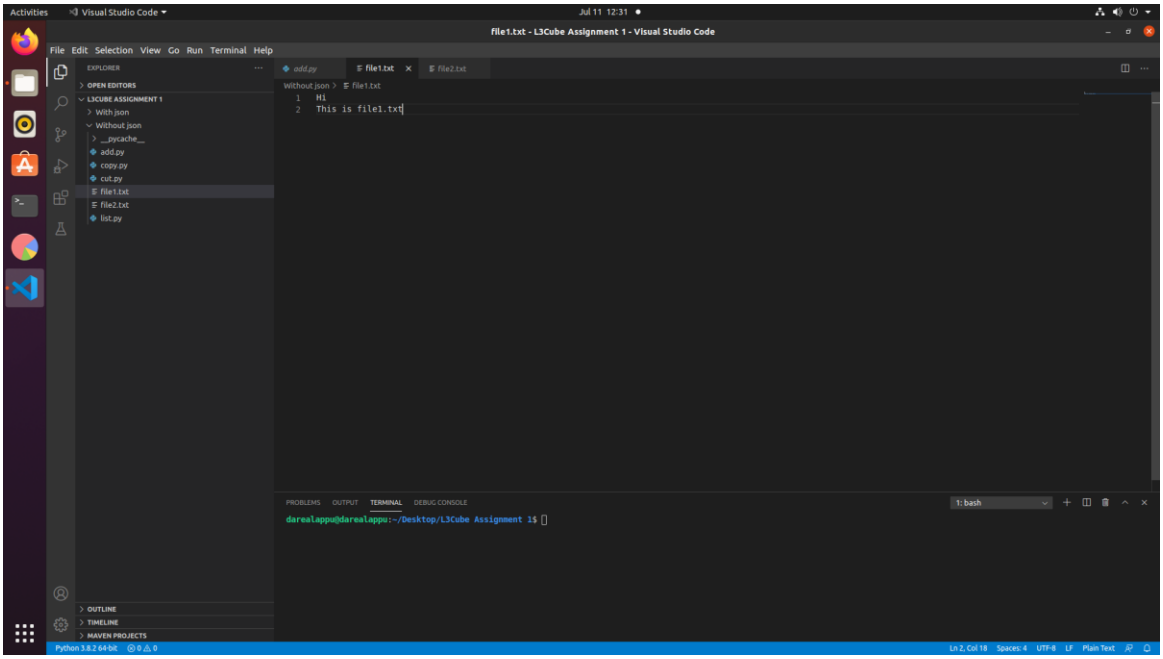
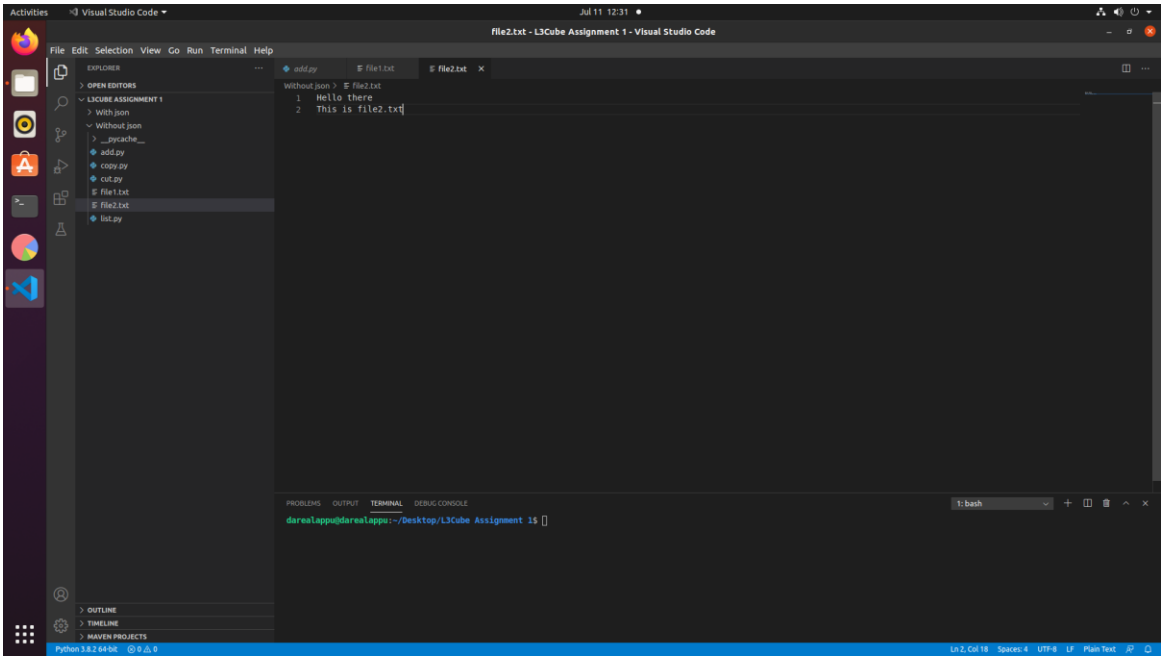
L3Cube Assignment 1 Snapshots

Original Files:

file1.txt

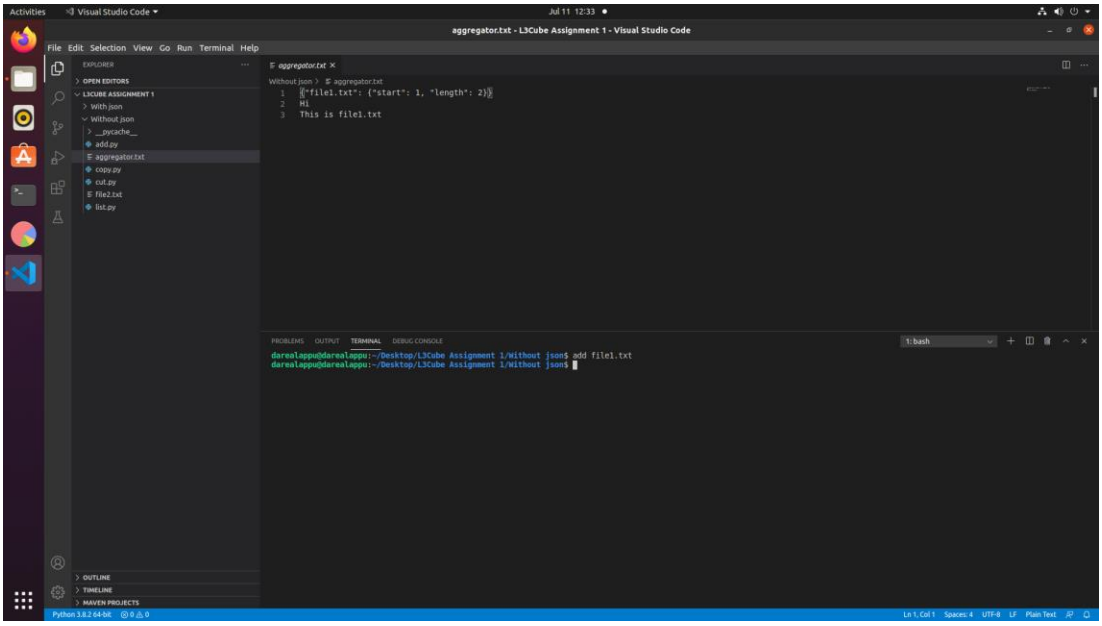


file2.txt



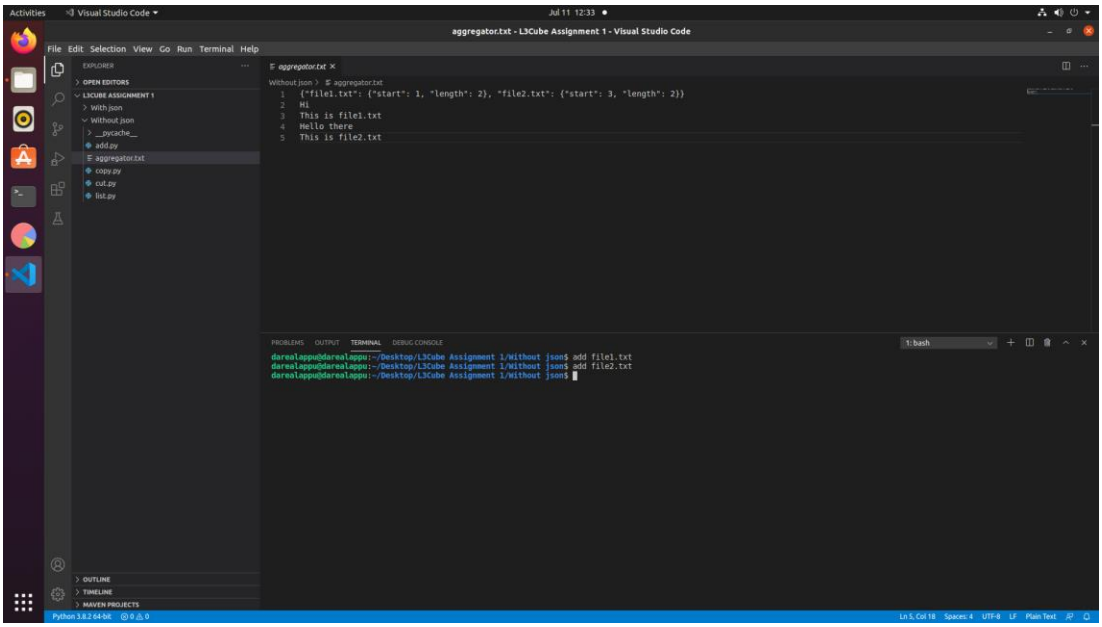
Test Case 1 – Adding file1.txt

- aggregator.txt created
- file1.txt deleted



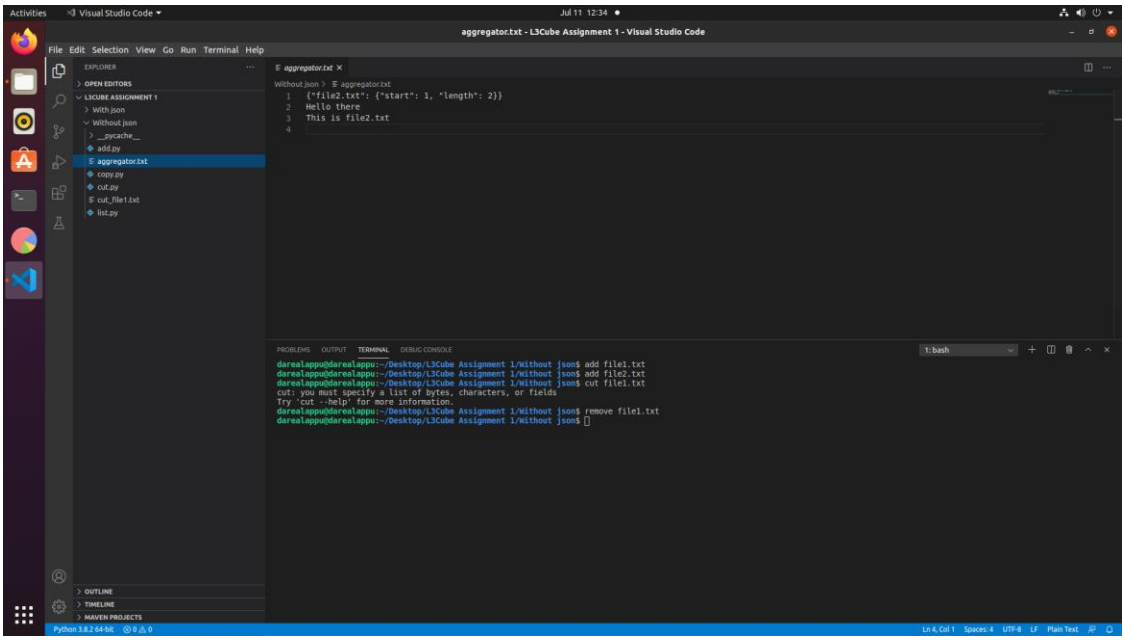
Test Case 2 – Adding file2.txt

- aggregator.txt modified
- file2.txt deleted

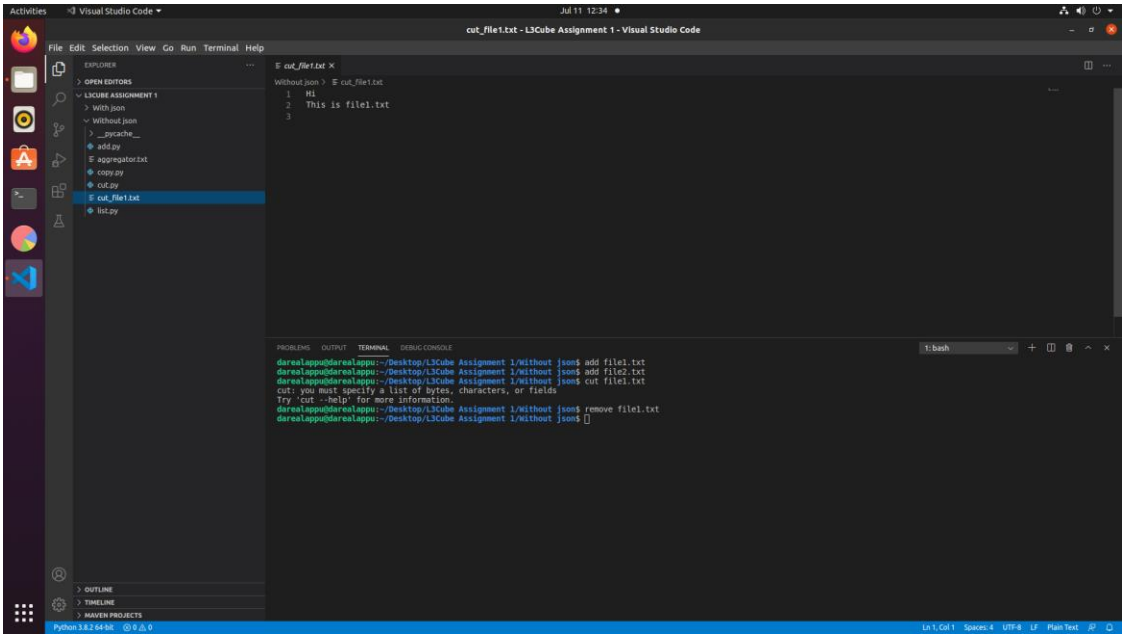


Test Case 3 – Cut file1.txt

aggregator.txt modified

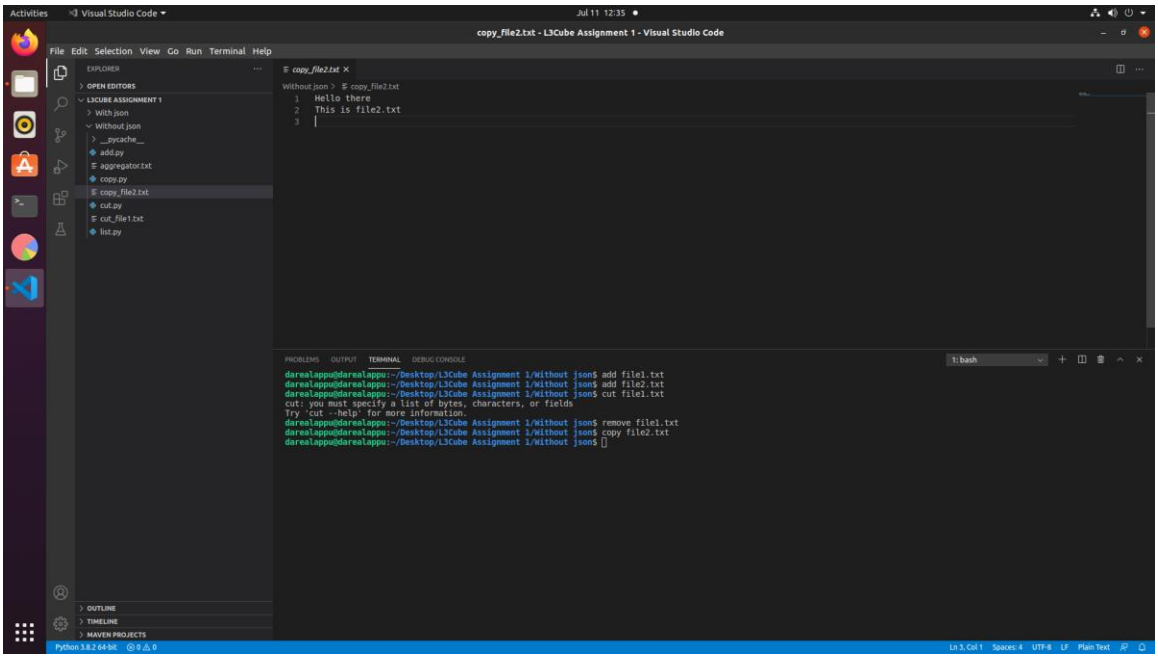


cut_file1.txt created



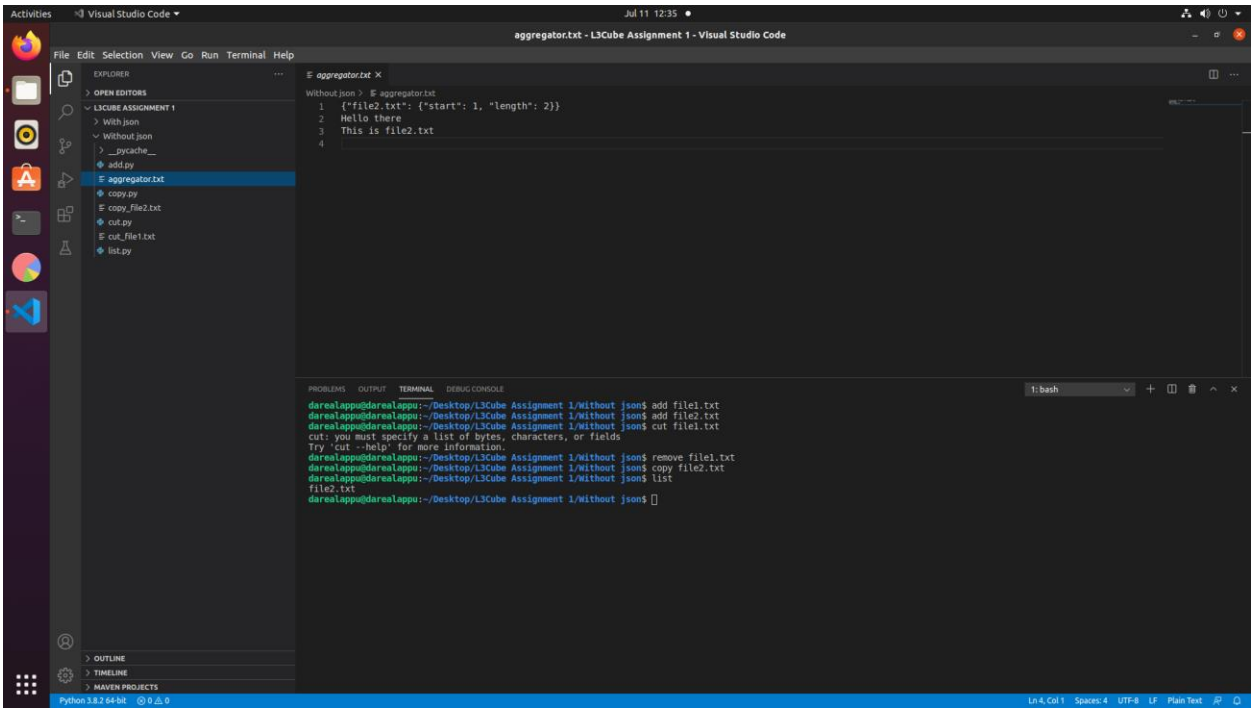
Test Case 4 – Copy file2.txt

copy_file2.txt created



Test Case 5 – List files present in aggregator.txt

Files present listed in the terminal



Notes

1. We have created Linux commands for the operations add,cut,copy and list.
2. Add, Cut and Copy accept one command line argument
3. Cut command already exists in linux, we have named the command **remove** instead.
4. The first line of aggregator.txt is the metadata stored in json format

Setting Up Linux Commands

1. Place the files in ./linux-commands in /bin (Root credentials may be required)
2. Run the following commands in the terminal
    a. sudo chmod +x /bin/add
    b. sudo chmod +x /bin/copy
    c. sudo chmod +x /bin/remove
    d. sudo chmod +x /bin/list