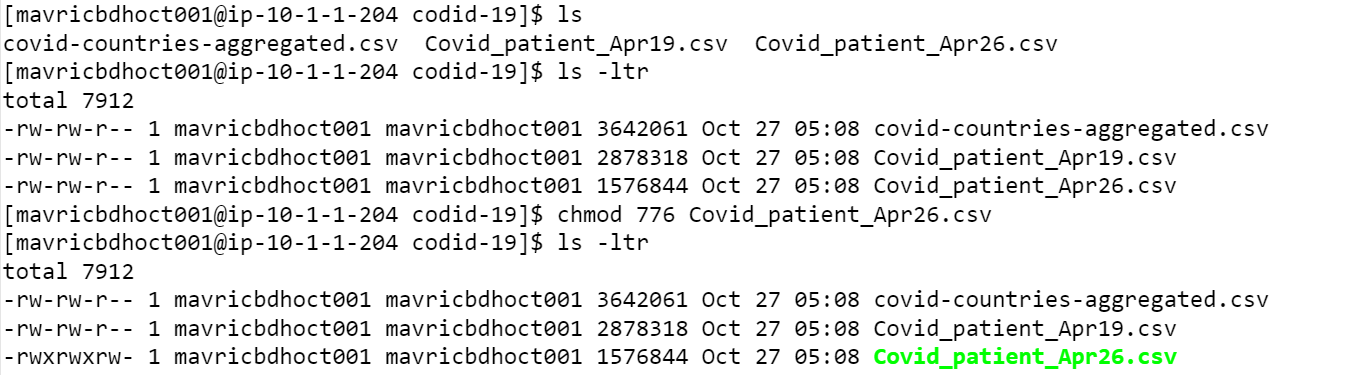
1. Create a new HDFS file structure data/dev/analysis in the HDFS home directory. Copy the covid-19 folder in to it.

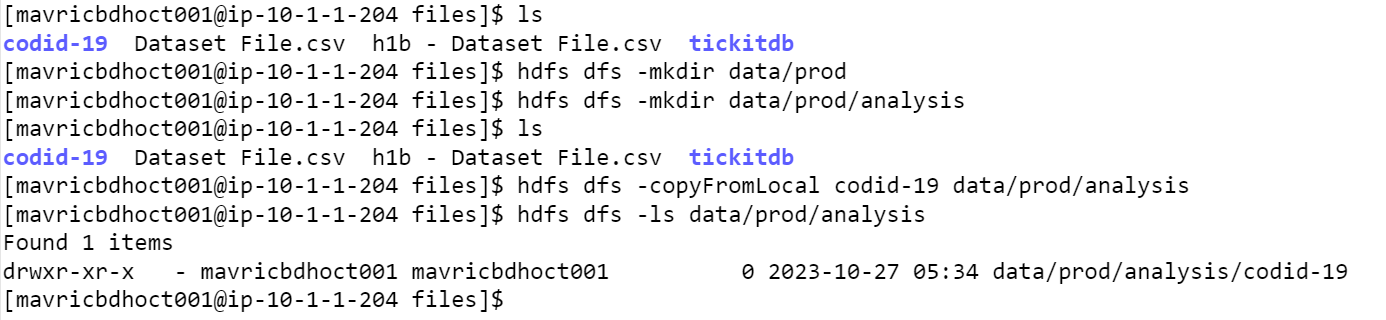
A screenshot of a computer code

Description automatically generated

2. Change the permission of Covid\_patient\_Apr26.csv file to have only read/write/execute for the owner/ group and read/write permission for others.



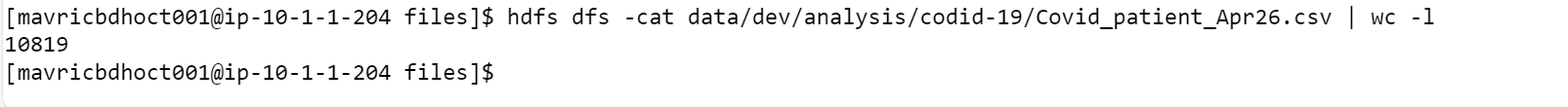
3. Copy covid-19 folder in to another hdfs directory data/prod/analysis



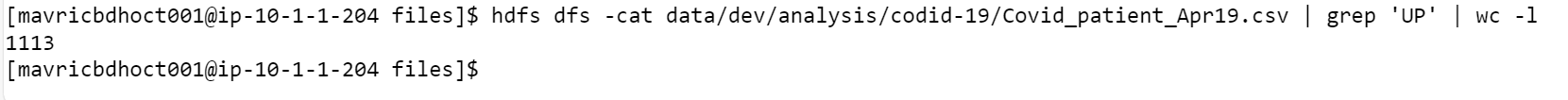
4. Read the contents of the file Covid\_patient\_Apr19.csv and print the contents on the screen.



5. Print the no of lines present in the HDFS file Covid\_patient\_Apr19.csv



6. Count the no of records present in the HDFS file Covid\_patient\_Apr19.csv for the state “UP”



7. Delete the file Covid\_patient\_Apr19.csv from the data/prod/analysis folder in HDFS

A close-up of a document

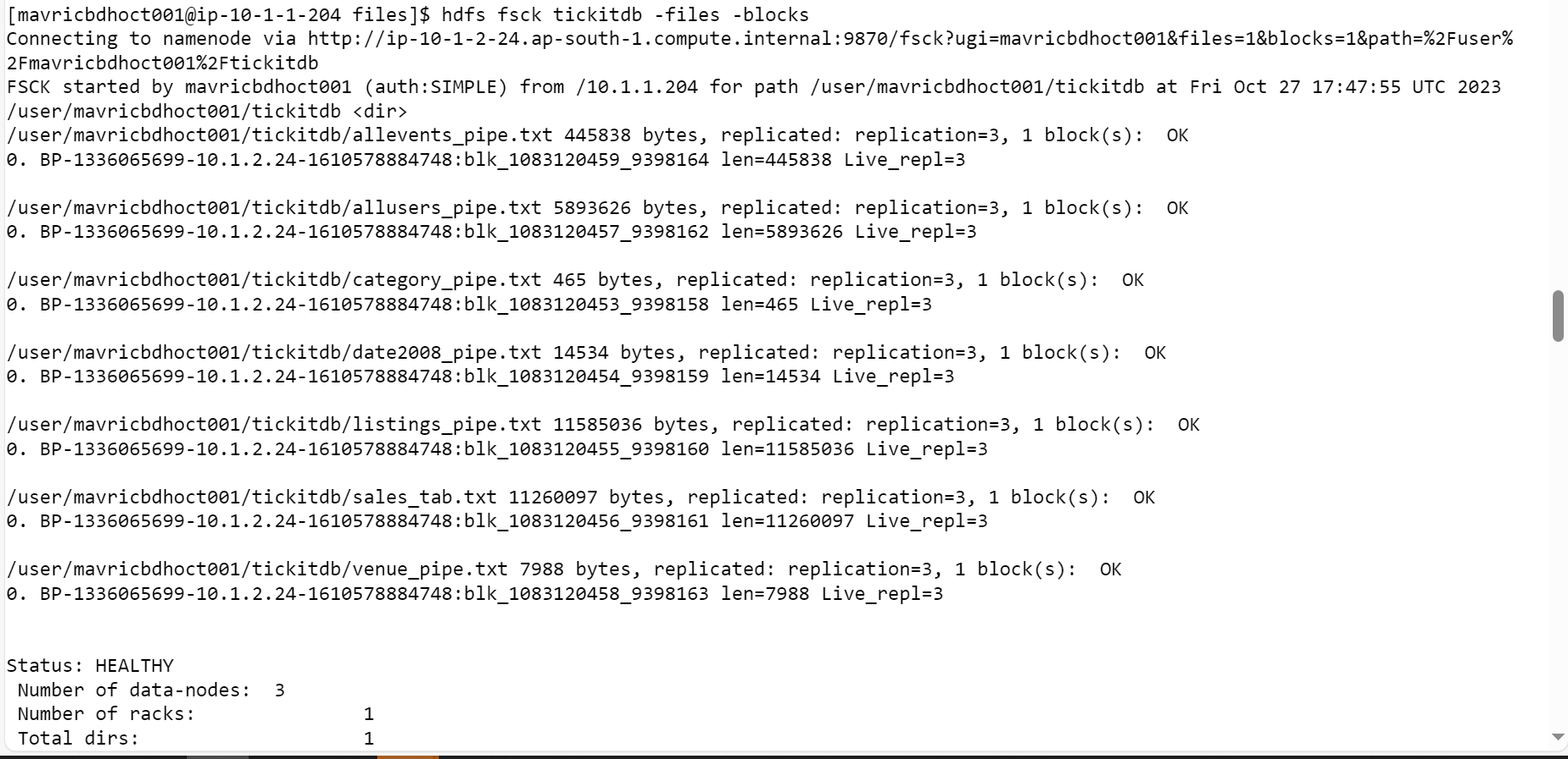
Description automatically generated

8. Delete the covid-19 folder from both the dev and prod folders created above.

A close-up of a document

Description automatically generated

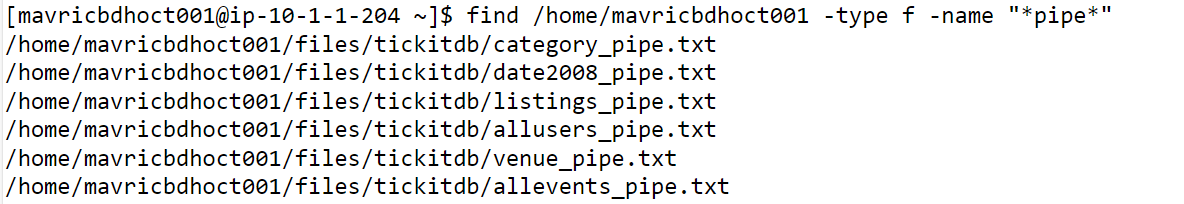
9. Copy the tickitdb folder(in the local file system) in to HDFS home directory. How many blocks will be created for the files in this directory?



A screenshot of a computer

Description automatically generated

10. Find all the file names which has the word “pipe” in their names.



11. Copy the h1b.csv file to hdfs home directory. How many blocks will be created for this file?

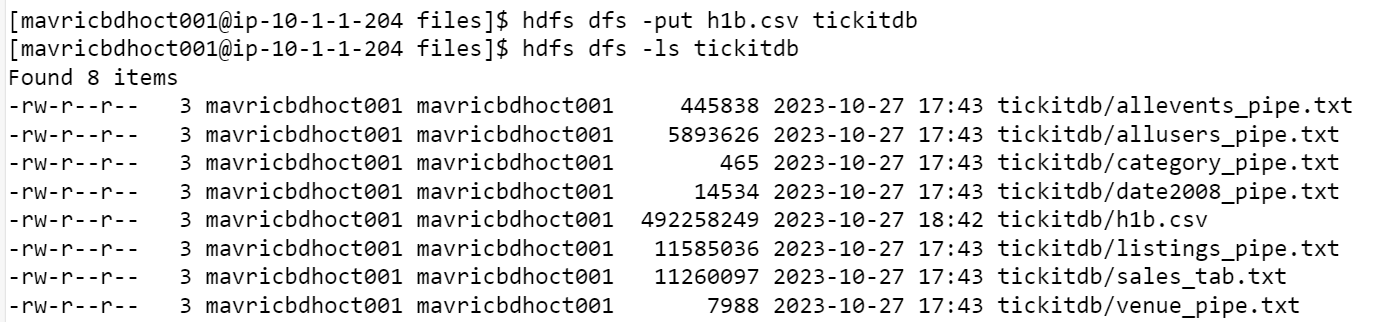
A close-up of a computer screen

Description automatically generated

A screenshot of a computer program

Description automatically generated

12. Move the h1b.csv file (in the HDFS) to the tickitdb folder in hdfs. How many blocks will be there for the tickitdb folder?



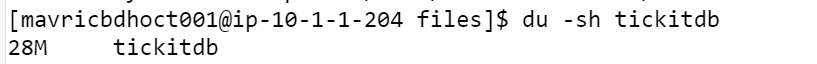
A close-up of a document

Description automatically generated

A screenshot of a computer

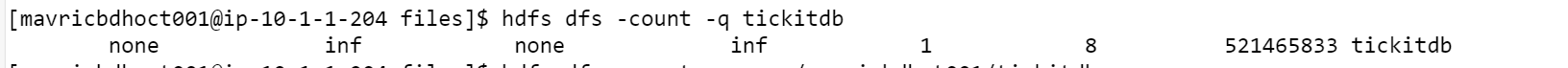
Description automatically generated

13. Calculate the total storage space occupied by the files directory and its contents.





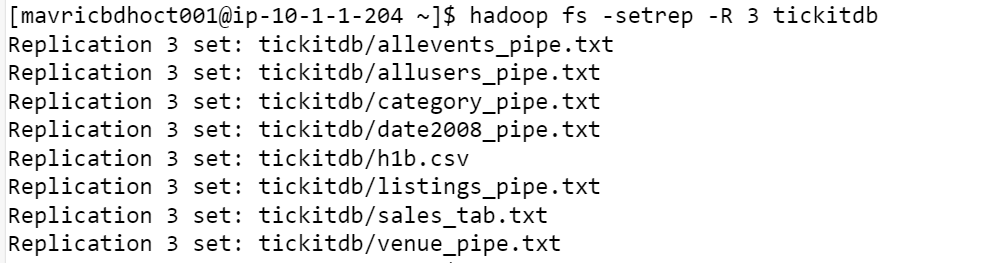
14. Check the storage quota for the file directory.



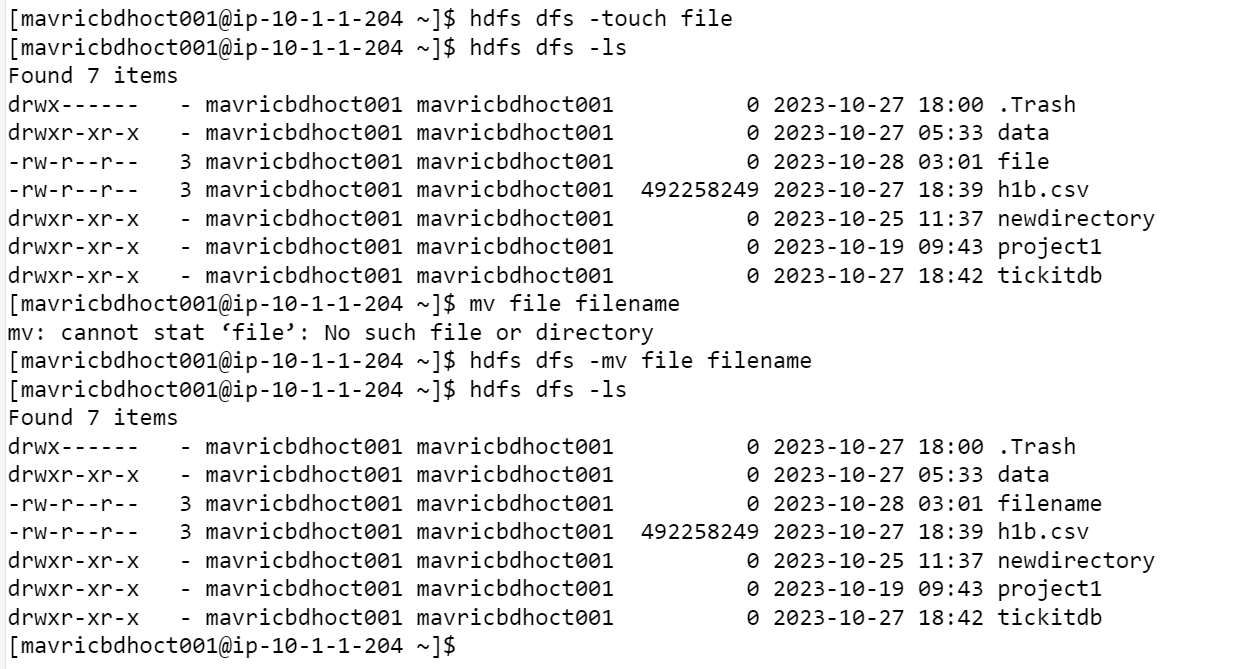
15. Delete a specific snapshot 'snapshot1' from the file directory.

16. Create a snapshot of the file directory in HDFS.

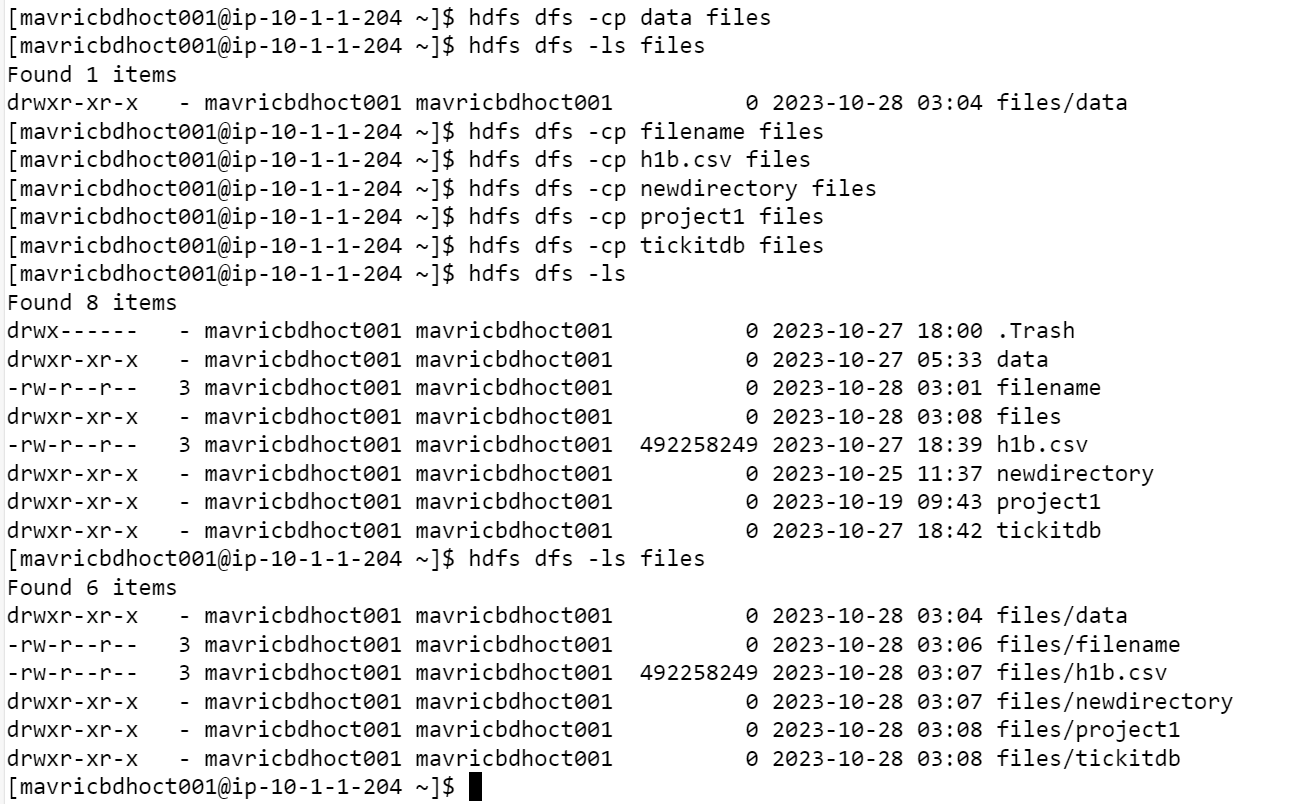
17. Set a replication factor of 3 for all files within the file directory.



18. Rename the 'file name' file to 'new file name' within the file directory in HDFS.



19. List all the files and directories in the files directory in HDFS.



20. Create an HDFS directory file names in your home directory and upload a local file 'test.txt' to it

