

Создала, скопировала и удалила директорию:

```
Рабочий стол — student4_1@manager:~ — ssh student4_1@manager.novalocal -i ~/pri...
[student4_1@manager ~]$ hdfs dfs -mkdir /taisiia
[student4_1@manager ~]$ hdfs dfs -cp /taisiia /taisiia_dir
[student4_1@manager ~]$ hdfs dfs -rm -R /taisiia
20/05/24 12:04:48 INFO fs.TrashPolicyDefault: Moved: 'hdfs://manager.novalocal:8020/tai
siia' to trash at: hdfs://manager.novalocal:8020/user/student4_1/.Trash/Current/taisiia
1590321888775
```

Узнала размер папки data и посмотрела как она хранится в файловой системе:

```
Рабочий стол — student4_1@manager:~ — ssh student4_1@manager.novalocal -i ~/private_key_had...
[student4_1@manager ~]$ hdfs dfs -du -h -s /data
586.6 M 1.7 G /data
[student4_1@manager ~]$ hdfs fsck /data
Connecting to namenode via http://manager.novalocal:50070/fsck?ugi=student4_1&path=%2Fdata
FSCK started by student4_1 (auth:SIMPLE) from /89.208.221.132 for path /data at Mon May 25 06:55:1
4 UTC 2020
.....Status: HEALTHY
Total size:      615068379 B
Total dirs:      28
Total files:      33
Total symlinks:      0
Total blocks (validated):      28 (avg. block size 21966727 B)
Minimally replicated blocks:  28 (100.0 %)
Over-replicated blocks:       0 (0.0 %)
Under-replicated blocks:      0 (0.0 %)
Mis-replicated blocks:        0 (0.0 %)
Default replication factor:    3
Average block replication:     2.9642856
Corrupt blocks:                0
Missing replicas:              0 (0.0 %)
Number of data-nodes:          3
Number of racks:               1
FSCK ended at Mon May 25 06:55:14 UTC 2020 in 3 milliseconds

The filesystem under path '/data' is HEALTHY
[student4_1@manager ~]$ hdfs dfs -setrep 5 /taisiia_dir
[student4_1@manager ~]$ hdfs dfs -chmod -R 600 /taisiia_dir
chmod: Permission denied: user=student4_1, access=READ_EXECUTE, inode="/taisiia_dir":student4_1:su
pergroup:drw-----
```

The filesystem under path '/data' is HEALTHY

```
[student4_1@manager ~]$ hdfs dfs -setrep 5 /taisiia_dir
[student4_1@manager ~]$ hdfs dfs -chmod -R 600 /taisiia_dir
chmod: Permission denied: user=student4_1, access=READ_EXECUTE, inode="/taisiia_dir":student4_1:su
pergroup:drw-----
```

Скопировала файл с мака в хадуп и добавила в него дополнительное инфо:

```
Рабочий стол — student4_1@manager:~ — ssh student4_1@manager.novalocal -i ~/private...
taya@MacBook-Air-Taisia Desktop % ssh student4_1@manager.novalocal -i /Users/taya/private_
key_hadoop
Last login: Mon May 25 17:44:54 2020 from 46.160.232.228
[student4_1@manager ~]$ hdfs dfs -copyFromLocal /home/student4_1/lesson1.ipynb /taisiia_dir
/
[student4_1@manager ~]$ hdfs dfs -ls /taisiia_dir
Found 2 items
-rw-r--r--   3 student4_1 student4_1      25155 2020-05-25 17:57 /taisiia_dir/lesson1.ipynb
-rw-r--r--   3 student4_1 student4_1        205 2020-05-25 16:10 /taisiia_dir/lesson_5.sql
[student4_1@manager ~]$ hdfs dfs -appendToFile /home/student4_1/lesson_5.sql /taisiia_dir/l
esson1.ipynb
[student4_1@manager ~]$ hdfs dfs -rm /taisiia_dir/lesson_5.sql
20/05/25 18:02:04 INFO fs.TrashPolicyDefault: Moved: 'hdfs://manager.novalocal:8020/taisiia
_dir/lesson_5.sql' to trash at: hdfs://manager.novalocal:8020/user/student4_1/.Trash/Curren
t/taisiia_dir/lesson_5.sql
```