

#### Overview '5bcdd9e2bf2b:9000' (active)

Started:	Wed Mar 29 01:19:32 EDT 2023
Version:	2.7.0, rd4c8d4d4d203c934e8074b31289a28724c0842cf
Compiled:	2015-04-10T18:40Z by jenkins from (detached from d4c8d4d)
Cluster ID:	CID-ff371ad4-5145-47ad-ba01-959bc79aecbe
Block Pool ID:	BP-581371184-172.17.13.14-1437578119536

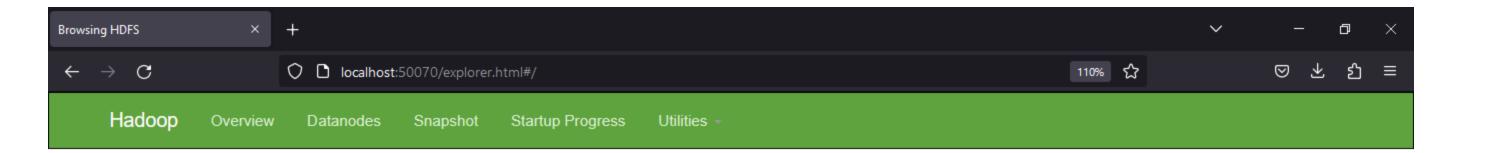
#### Summary

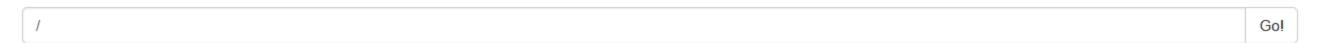
Security is off.

Safemode is off.

35 files and directories, 31 blocks = 66 total filesystem object(s).

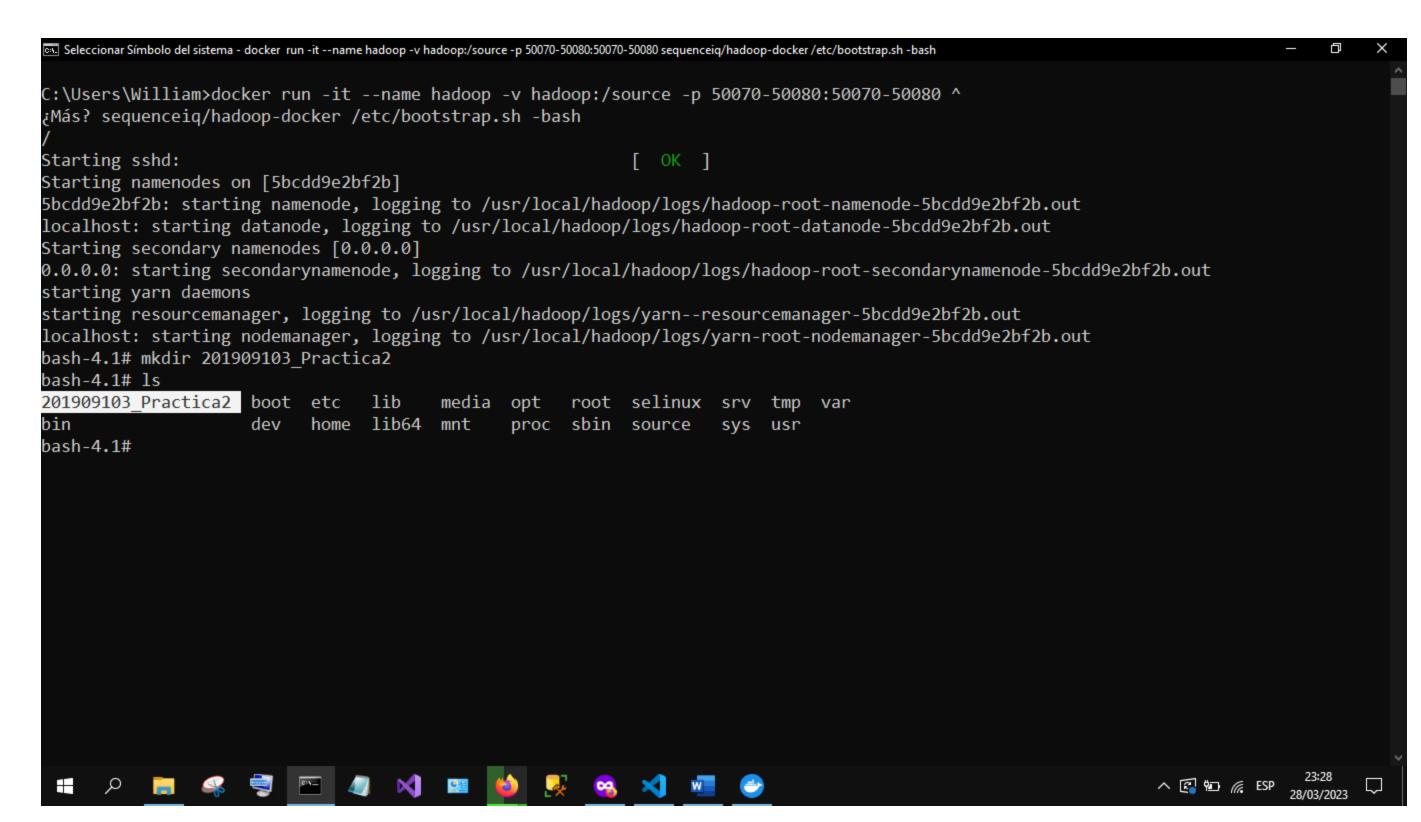






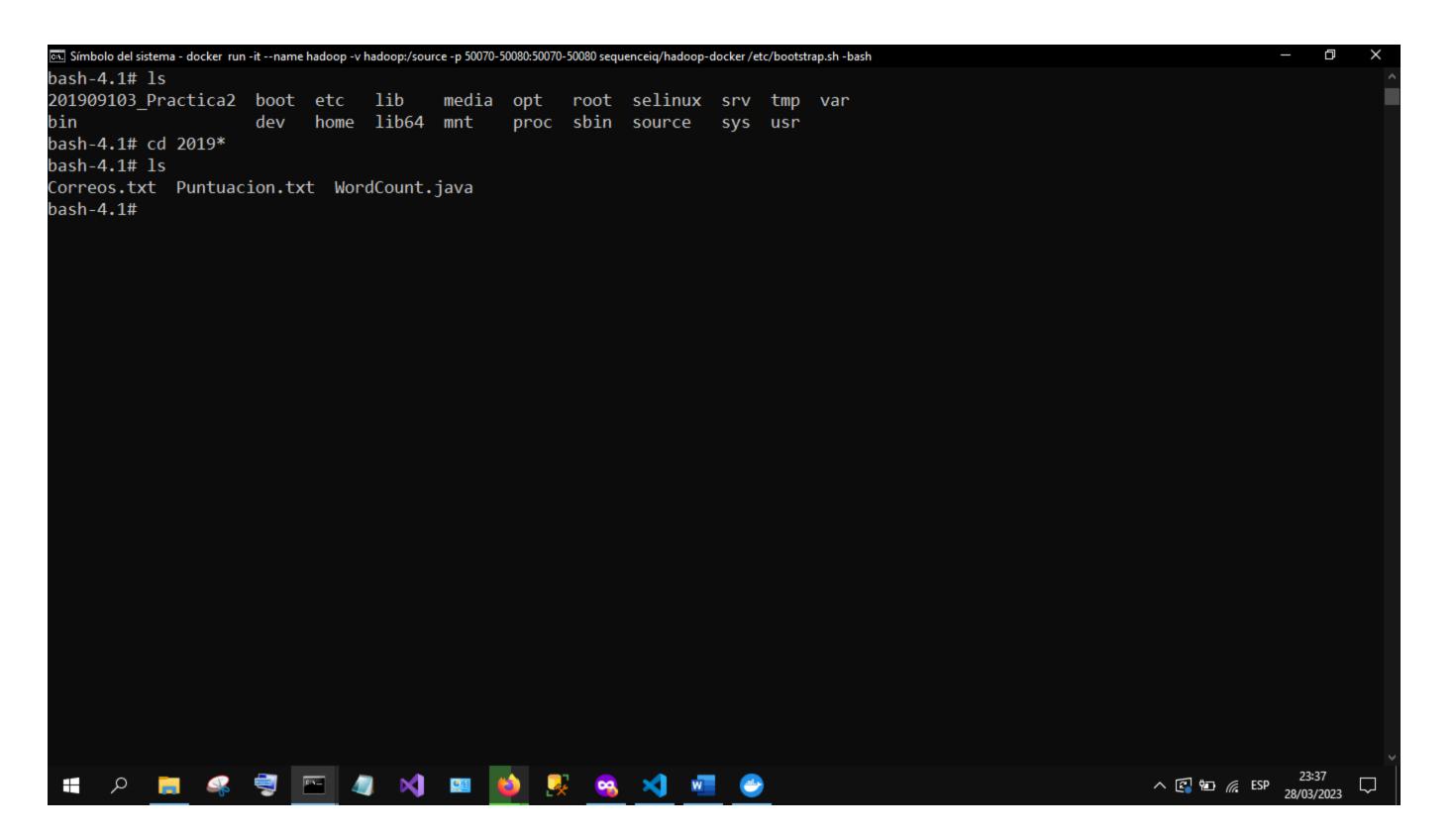
Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
drwxr-xr-x	root	supergroup	0 B	7/22/2015, 9:17:26 AM	0	0 B	user

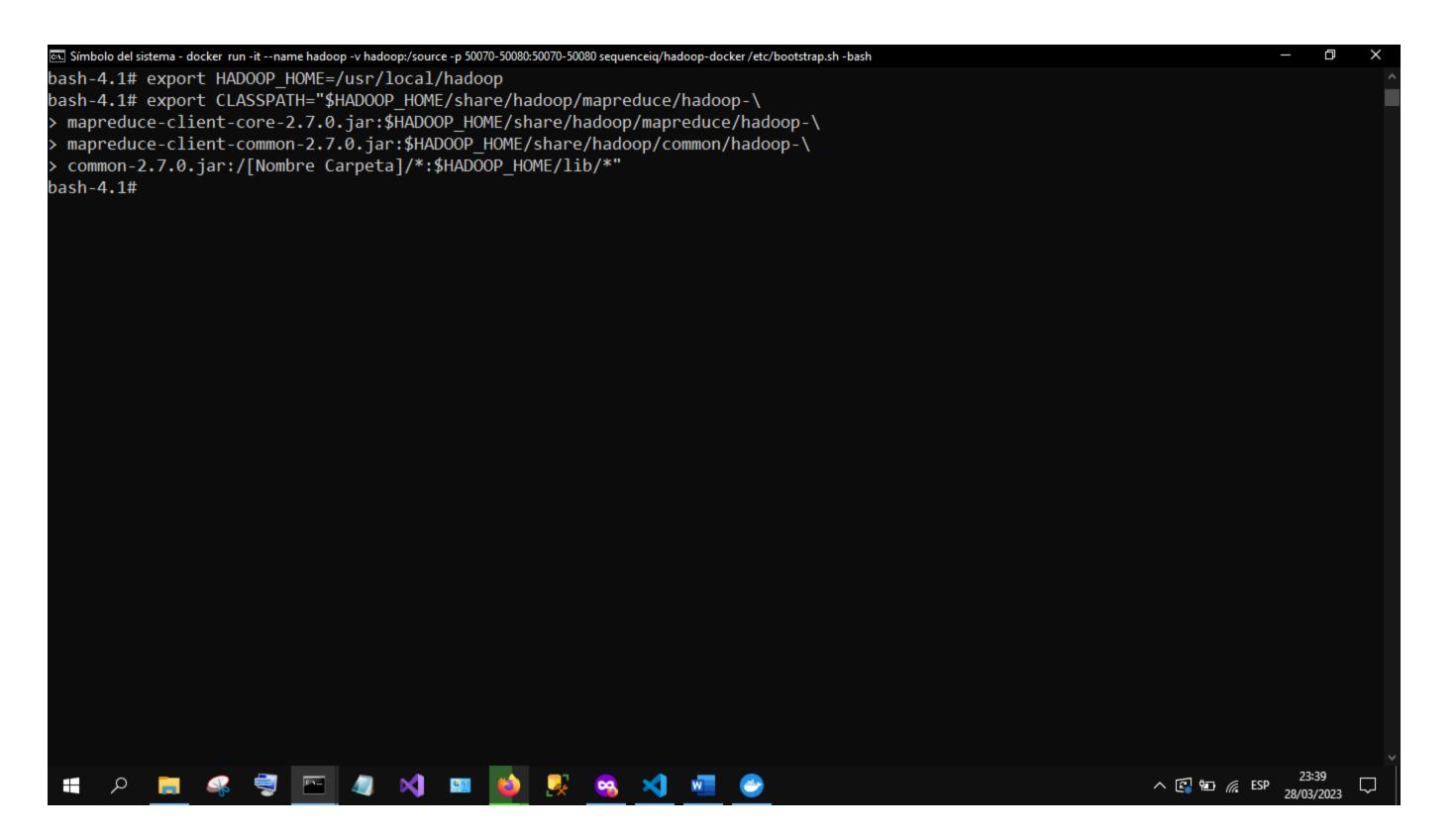




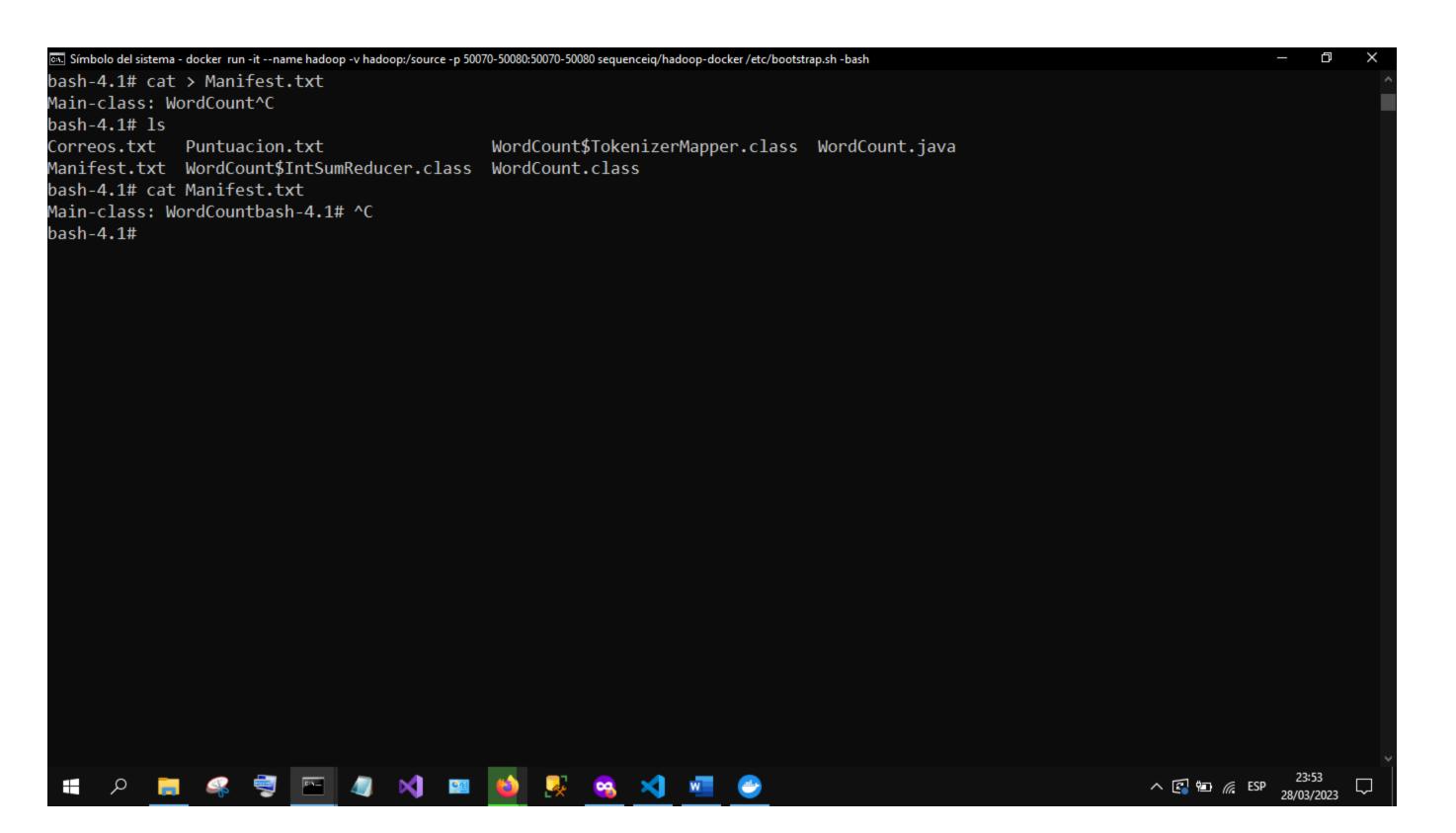
Comando de copiar archivos de entrada

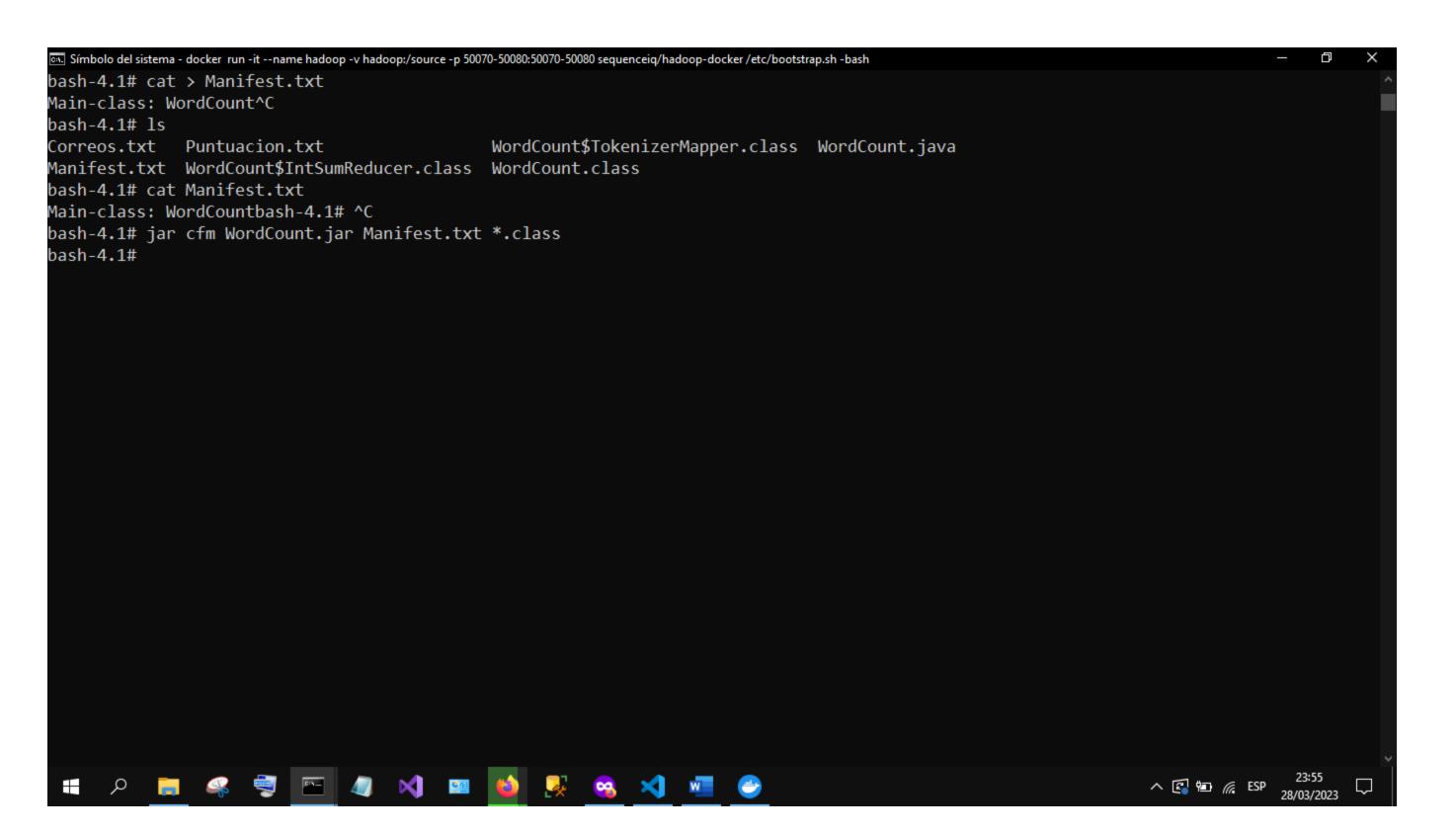
Luego:

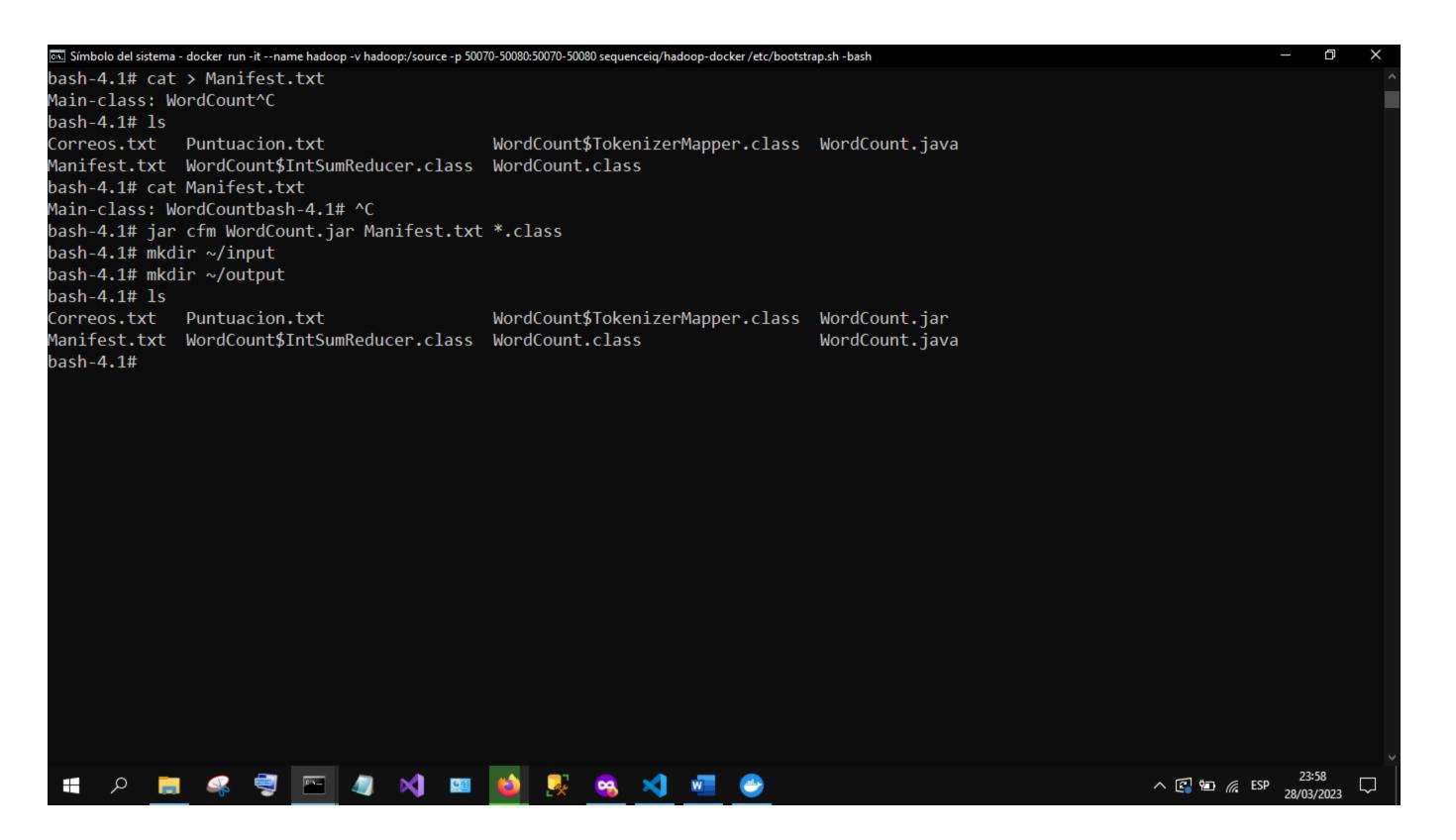


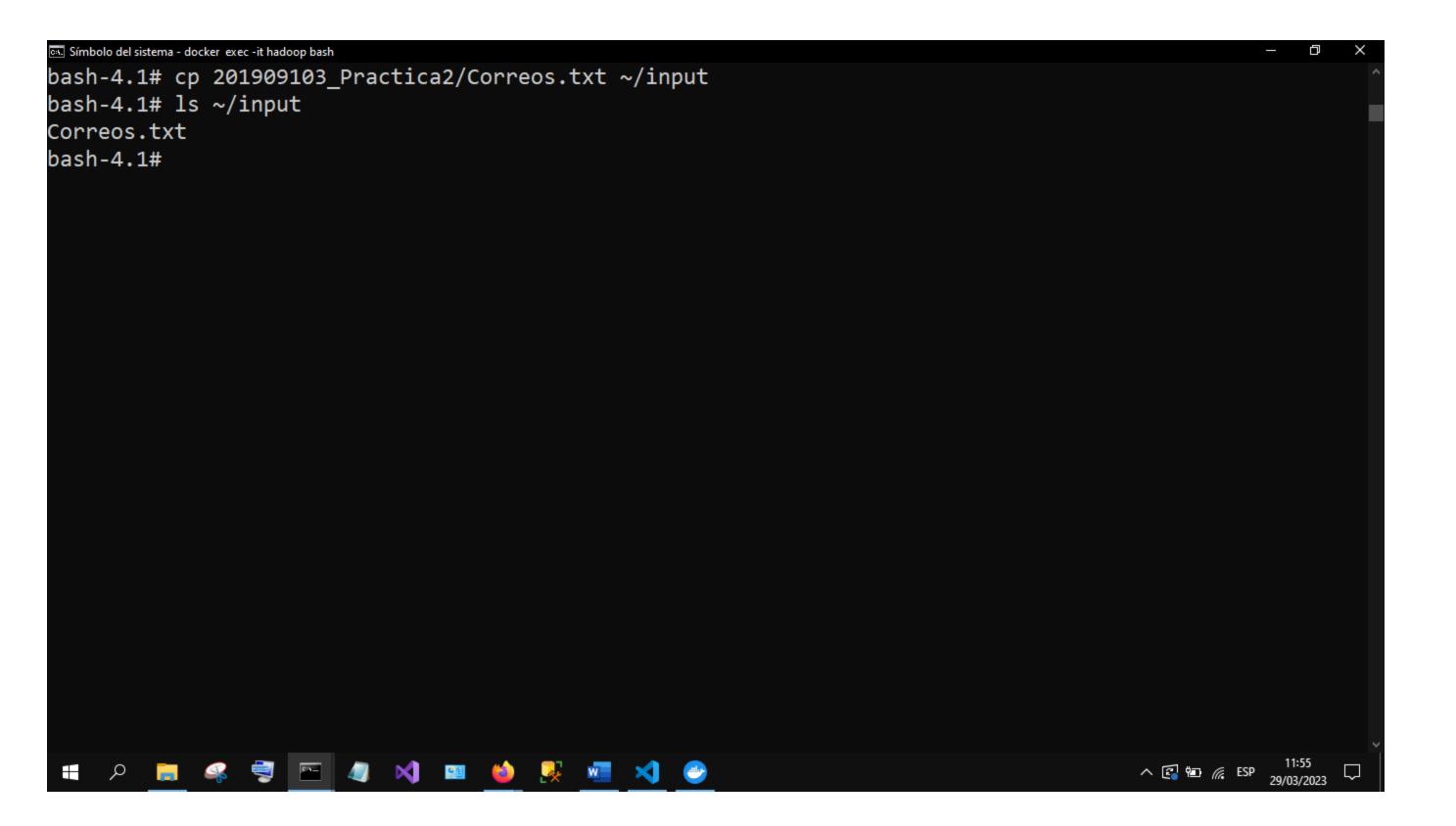


```
Seleccionar Símbolo del sistema - docker run -it --name hadoop -v hadoop:/source -p 50070-50080:50070-50080 sequenceiq/hadoop-docker /etc/bootstrap.sh -bash
bash-4.1# export HADOOP HOME=/usr/local/hadoop
bash-4.1# export CLASSPATH="$HADOOP HOME/share/hadoop/mapreduce/hadoop-\
mapreduce-client-core-2.7.0.jar:$HADOOP HOME/share/hadoop/mapreduce/hadoop-\
> mapreduce-client-common-2.7.0.jar:$HADOOP HOME/share/hadoop/common/hadoop-\
common-2.7.0.jar:/[Nombre Carpeta]/*:$HADOOP HOME/lib/*"
bash-4.1# ls
Correos.txt Puntuacion.txt WordCount.java
bash-4.1# javac -d . WordCount.java
/usr/local/hadoop/share/hadoop/common/hadoop-common-2.7.0.jar(org/apache/hadoop/fs/Path.class): warning: Cannot find annotation method
 'value()' in type 'LimitedPrivate': class file for org.apache.hadoop.classification.InterfaceAudience not found
1 warning
bash-4.1# ls
Correos.txt Puntuacion.txt WordCount$IntSumReducer.class WordCount$TokenizerMapper.class WordCount.class WordCount.java
bash-4.1#
                                                                                                                      ^ 🚰 № 🦟 ESP 28/03/2023
```

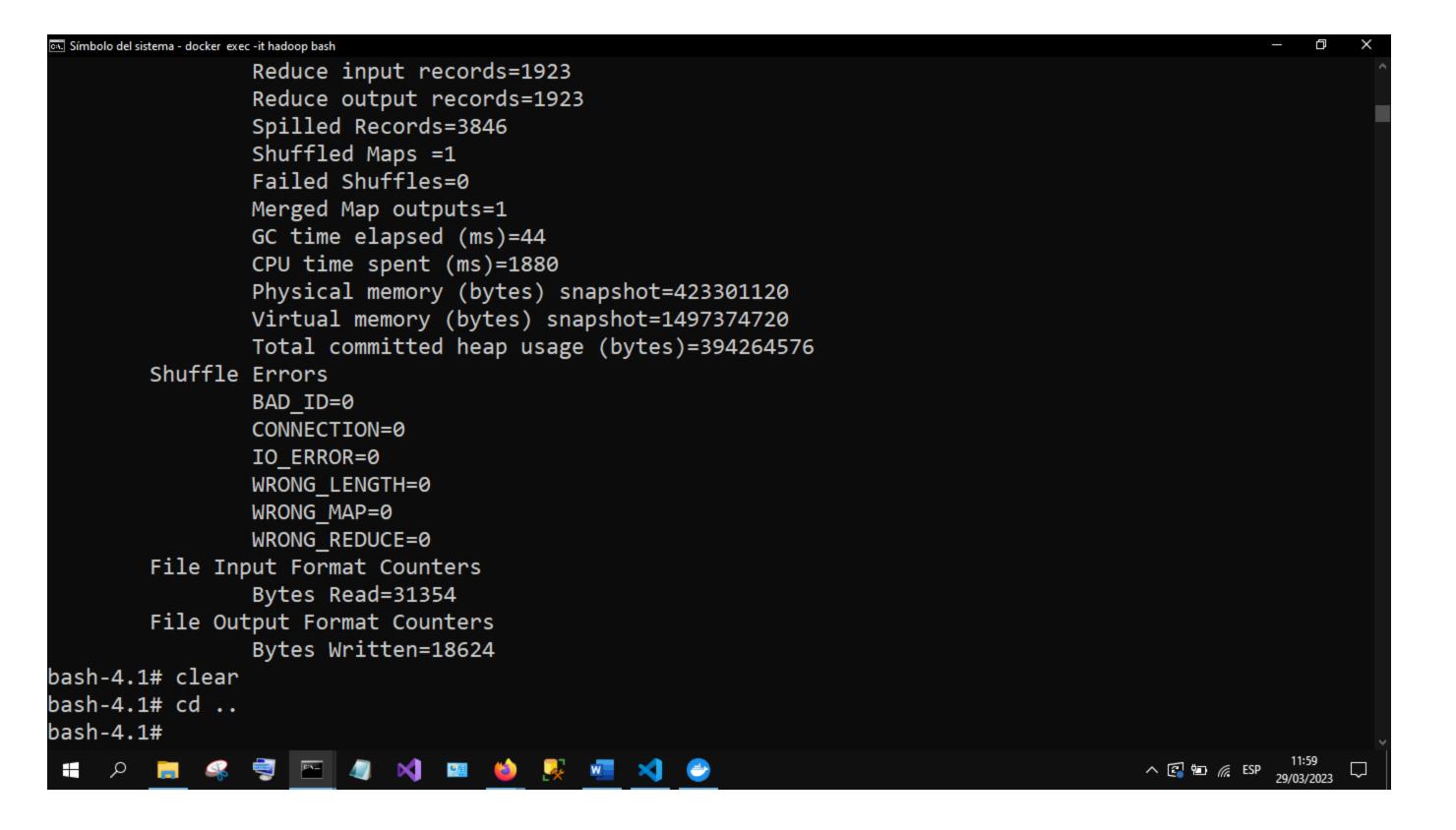




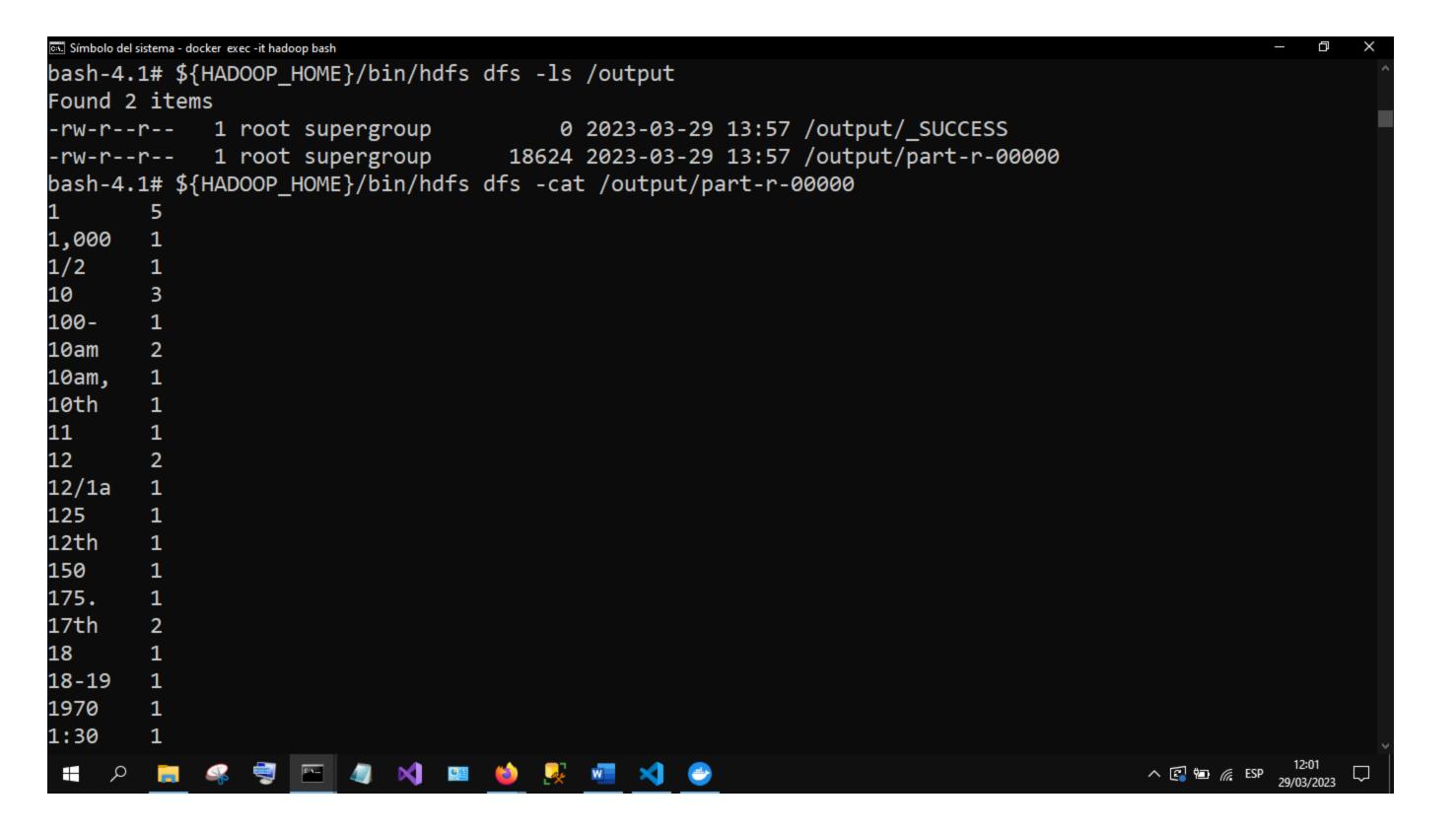


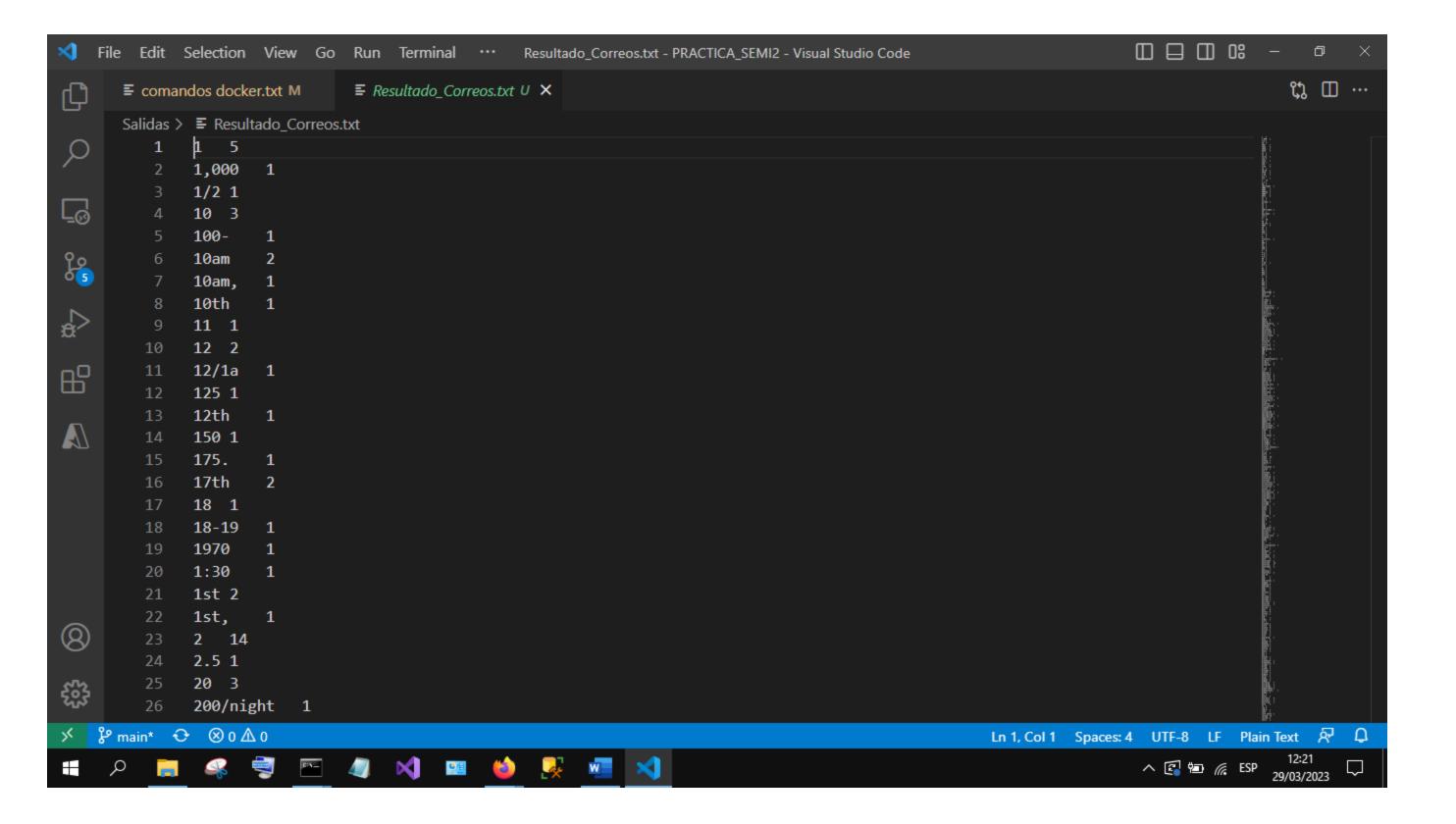


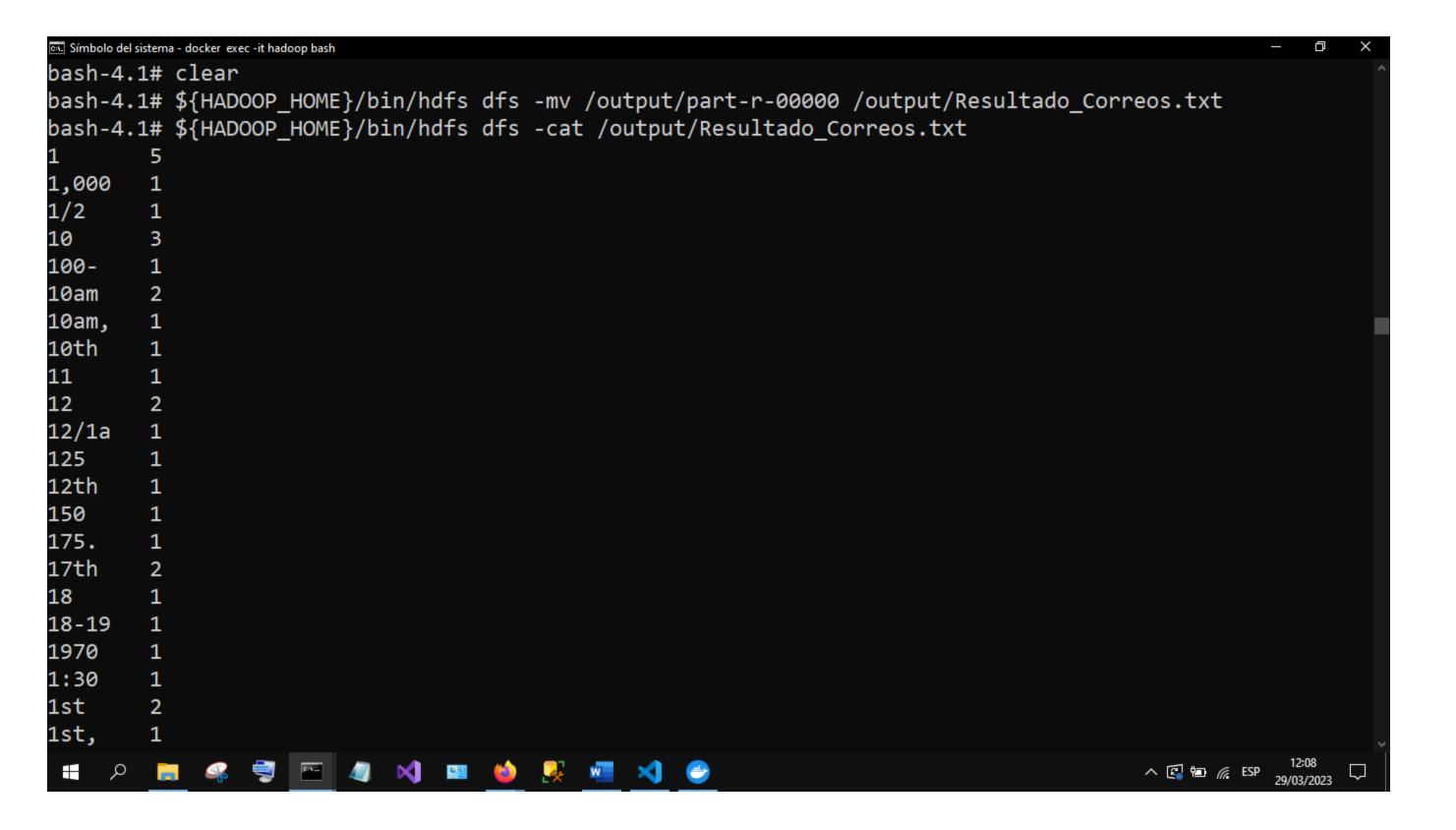
```
Seleccionar Símbolo del sistema - docker exec -it hadoop bash
Correos.txt
bash-4.1# ${HADOOP_HOME}/bin/hdfs dfs -copyFromLocal ~/input /
bash-4.1# ${HADOOP_HOME}/bin/hdfs dfs -ls /input
Found 1 items
-rw-r--r-- 1 root supergroup
                                    31354 2023-03-29 13:55 /input/Correos.txt
bash-4.1# cd 201909103 Practica2
bash-4.1# ${HADOOP_HOME}/bin/hadoop jar WordCount.jar WordCount /input/Correos.txt /output
23/03/29 13:57:30 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
23/03/29 13:57:31 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed.
Implement the Tool interface and execute your application with ToolRunner to remedy this.
23/03/29 13:57:31 INFO input.FileInputFormat: Total input paths to process : 1
23/03/29 13:57:31 INFO mapreduce.JobSubmitter: number of splits:1
23/03/29 13:57:31 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1680108686539_0002
23/03/29 13:57:32 INFO impl.YarnClientImpl: Submitted application application_1680108686539_0002
23/03/29 13:57:32 INFO mapreduce.Job: The url to track the job: http://5bcdd9e2bf2b:8088/proxy/applicat
ion 1680108686539 0002/
23/03/29 13:57:32 INFO mapreduce.Job: Running job: job 1680108686539 0002
23/03/29 13:57:38 INFO mapreduce.Job: Job job_1680108686539_0002 running in uber mode : false
23/03/29 13:57:38 INFO mapreduce.Job: map 0% reduce 0%
23/03/29 13:57:43 INFO mapreduce.Job: map 100% reduce 0%
23/03/29 13:57:49 INFO mapreduce.Job: map 100% reduce 100%
23/03/29 13:57:49 INFO mapreduce.Job: Job job_1680108686539_0002 completed successfully
23/03/29 13:57:49 INFO mapreduce.Job: Counters: 49
       File System Counters
                FILE: Number of bytes read=26259
                                                                                       ^ 🚰 🖅 🦟 ESP
```

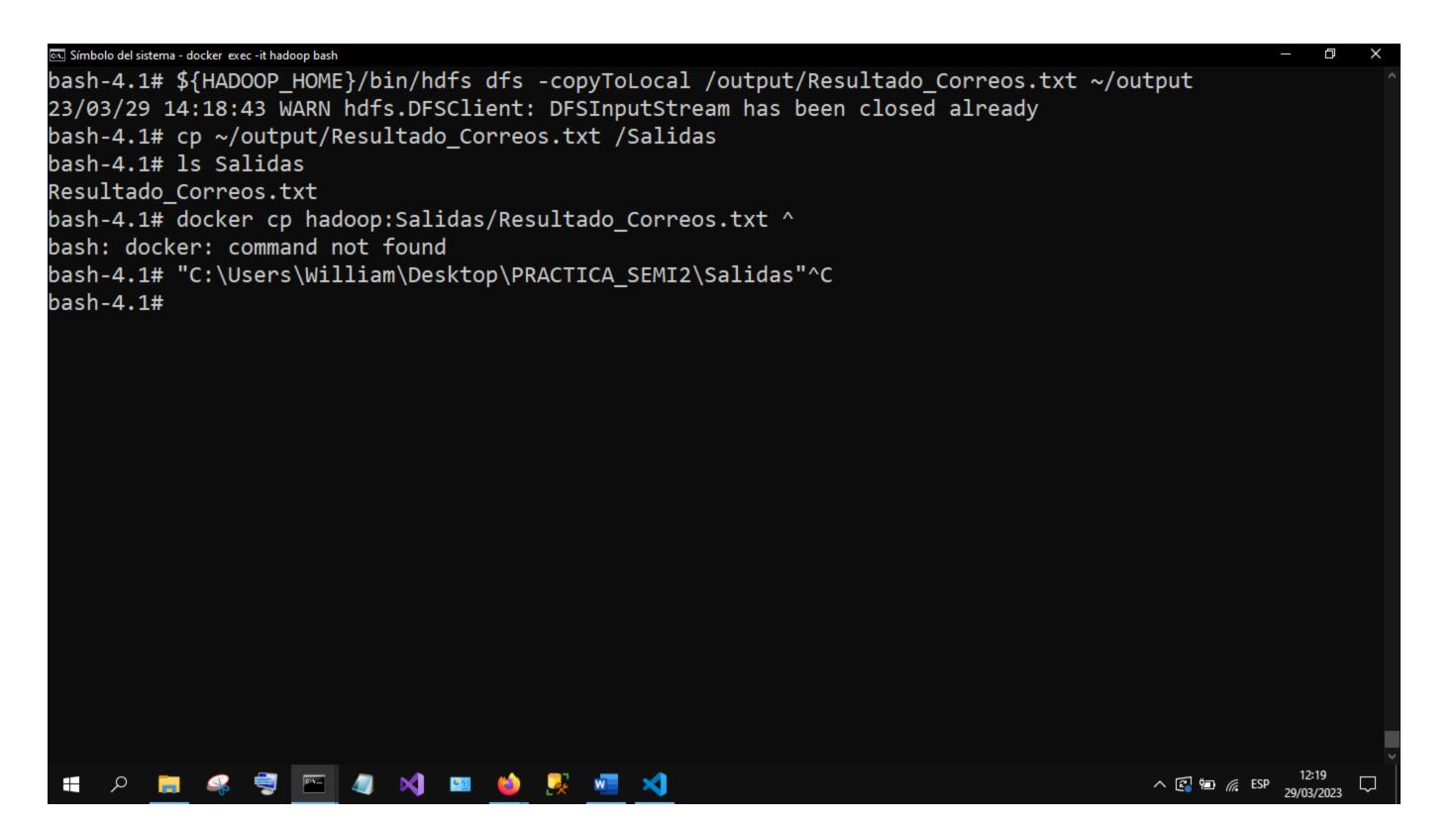


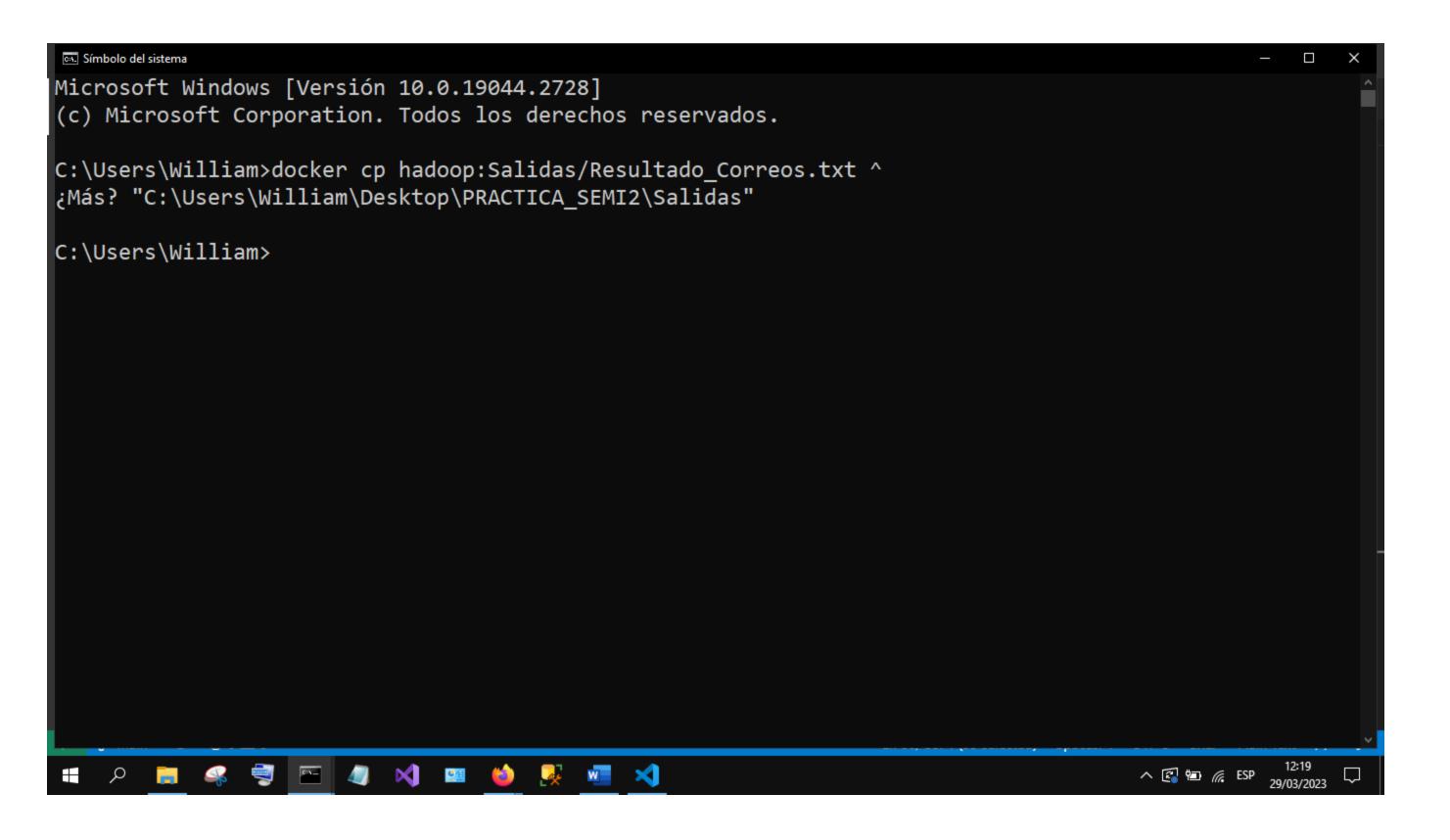
```
Símbolo del sistema - docker exec -it hadoop bash
bash-4.1# clear
bash-4.1# cd ...
bash-4.1# ${HADOOP_HOME}/bin/hdfs dfs -ls /output
Found 2 items
-rw-r--r-- 1 root supergroup
                                          0 2023-03-29 13:57 /output/_SUCCESS
-rw-r--r-- 1 root supergroup 18624 2023-03-29 13:57 /output/part-r-00000
bash-4.1#
                                                                                           ^ 🚰 🖅 🦟 ESP 12:00 □
```

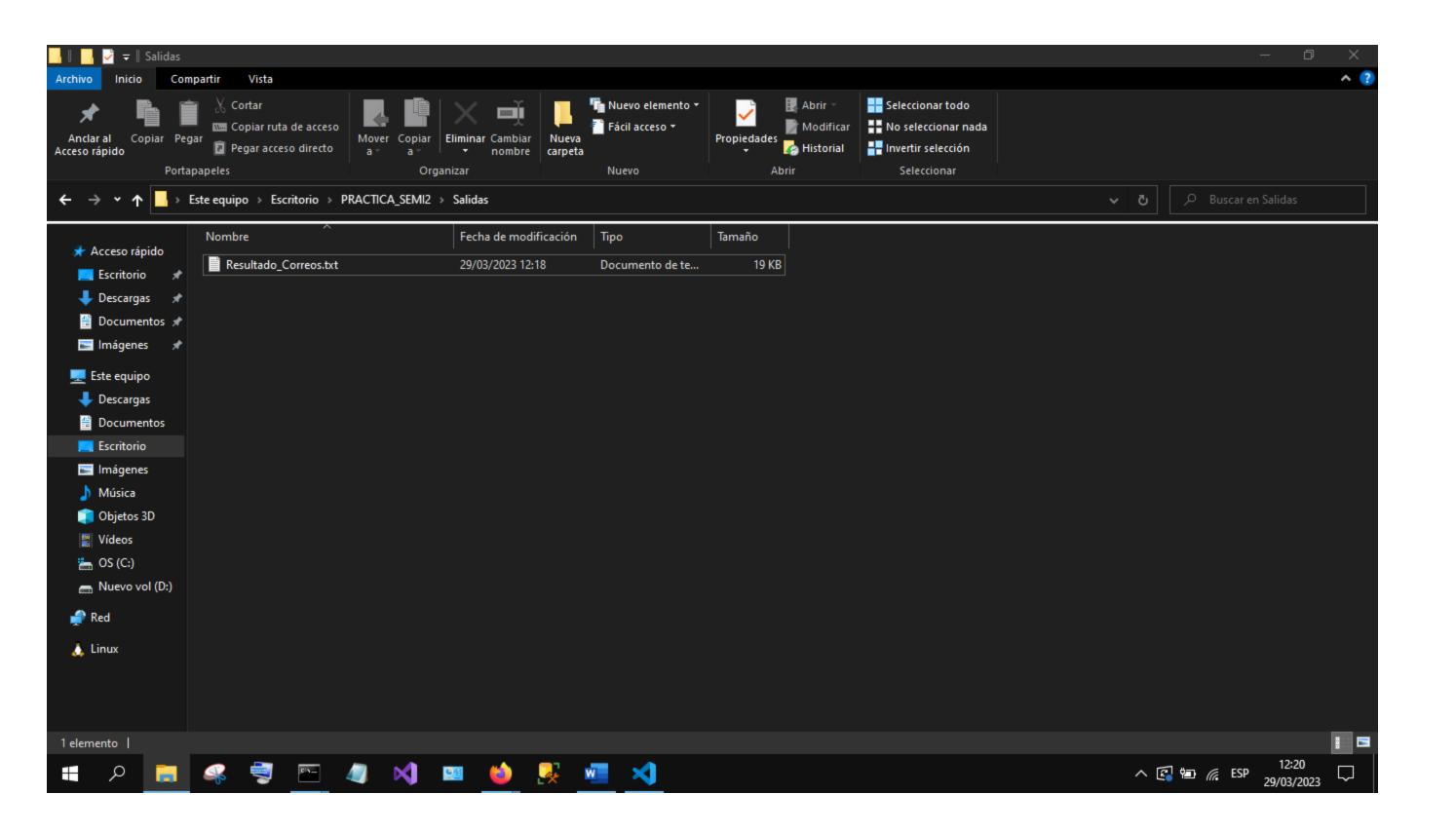


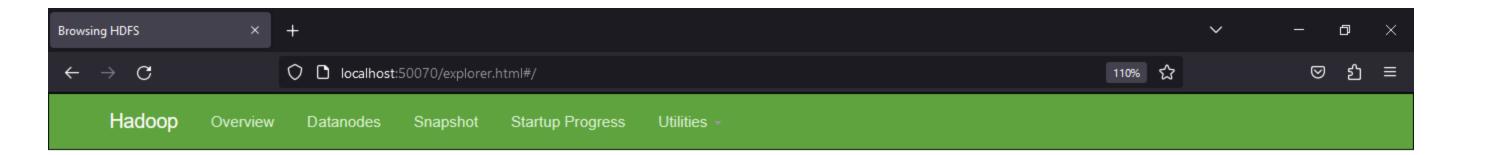








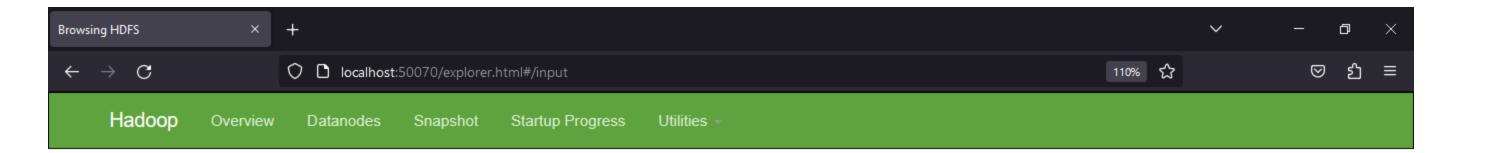




/ Go!

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
drwxr-xr-x	root	supergroup	0 B	3/29/2023, 1:17:20 PM	0	0 B	input
drwxr-xr-x	root	supergroup	0 B	3/29/2023, 1:20:15 PM	0	0 B	output
drwx	root	supergroup	0 B	3/29/2023, 11:11:36 AM	0	0 B	tmp
drwxr-xr-x	root	supergroup	0 B	7/22/2015, 9:17:26 AM	0	0 B	user

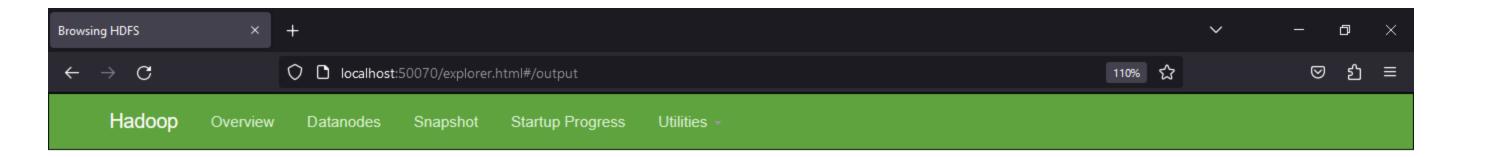






Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-rr	root	supergroup	30.62 KB	3/29/2023, 1:17:20 PM	1	128 MB	Correos.txt





/output

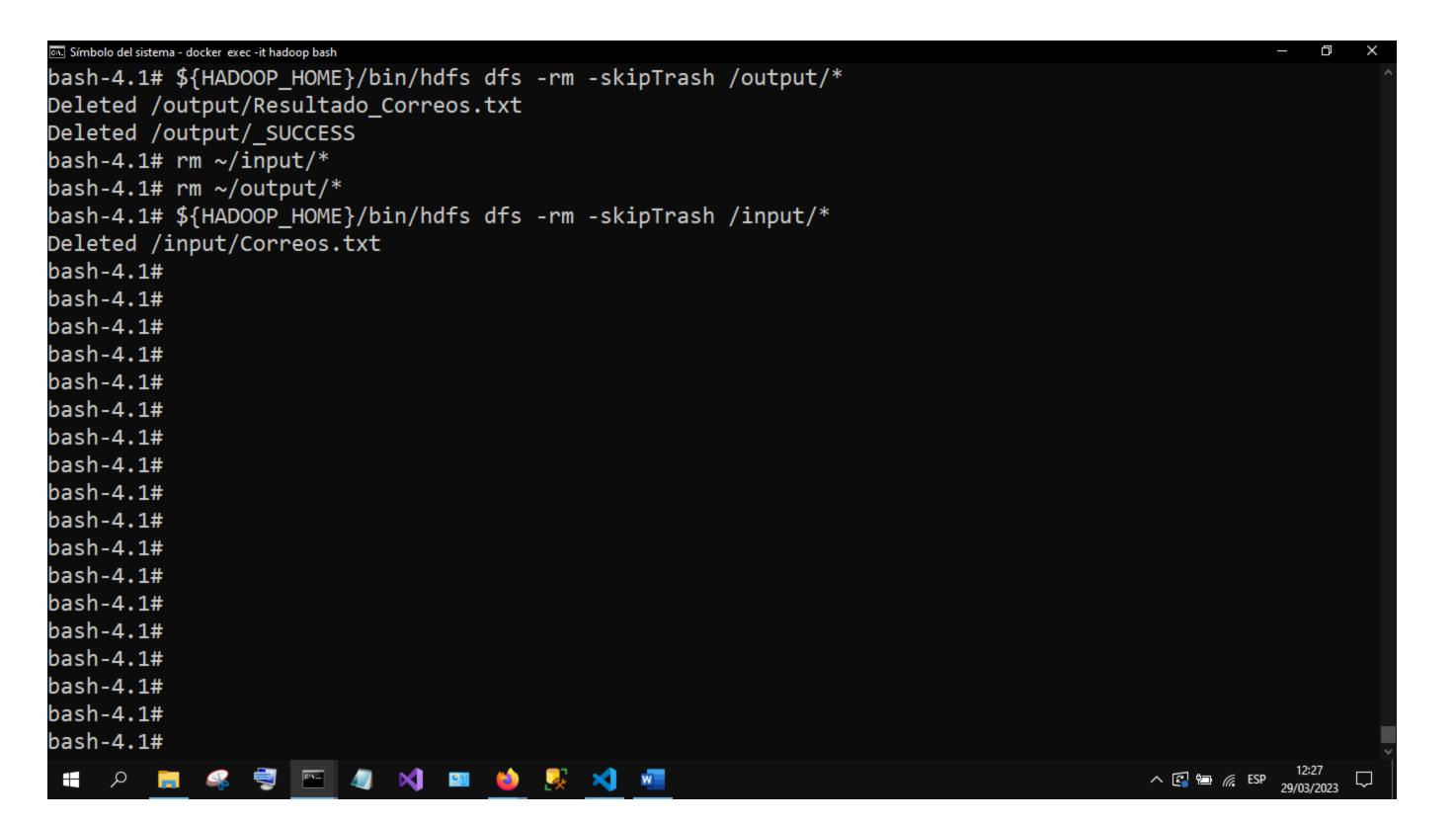
Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-rr	root	supergroup	18.19 KB	3/29/2023, 1:17:53 PM	1	128 MB	Resultado_Correos.txt
-rw-rr	root	supergroup	0 B	3/29/2023, 1:17:53 PM	1	128 MB	_SUCCESS

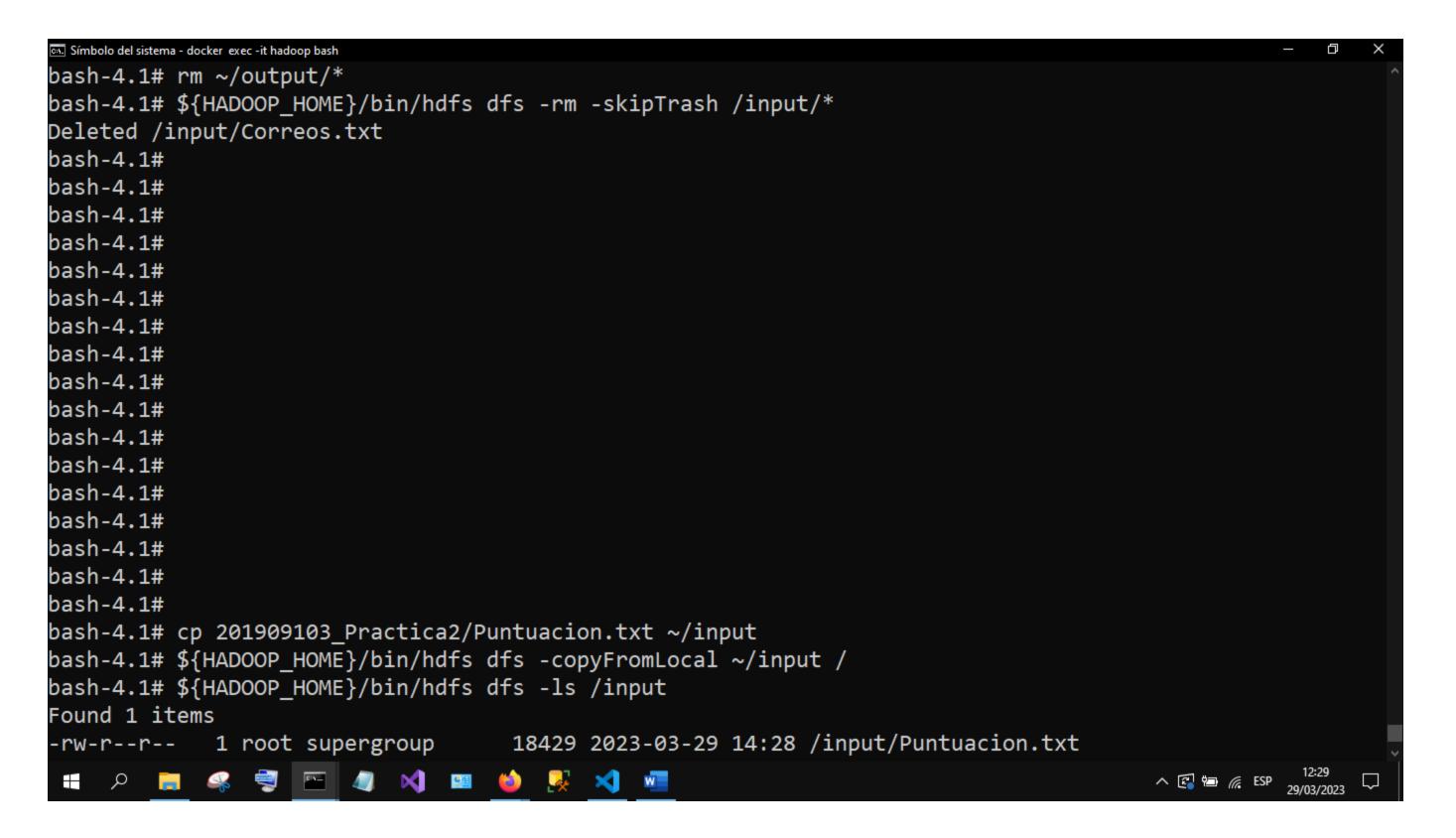
Hadoop, 2014.



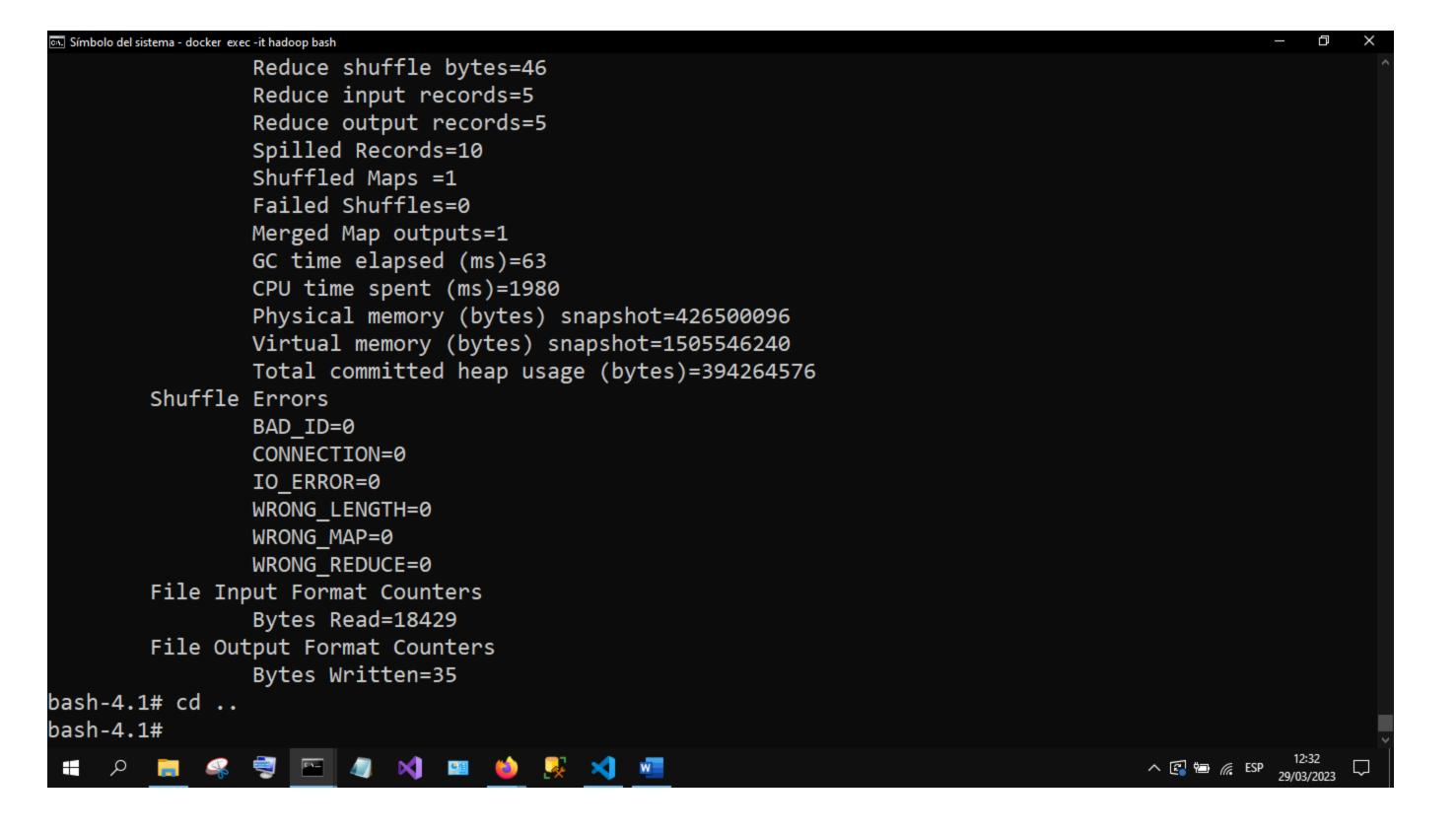
----- SEGUNDO ARCHIVO

**BORRAR ARCHIVOS ANTERIORES** 

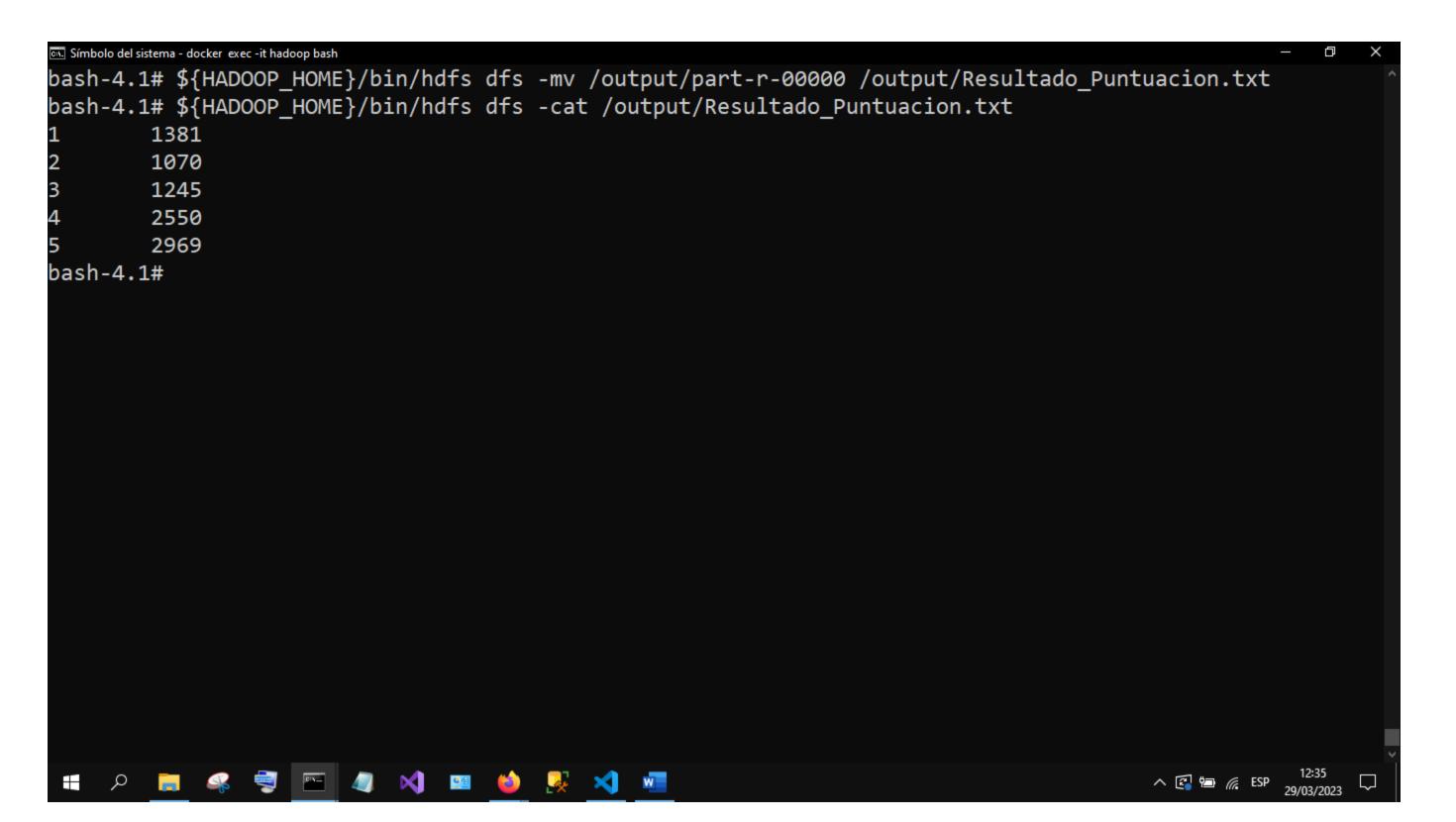


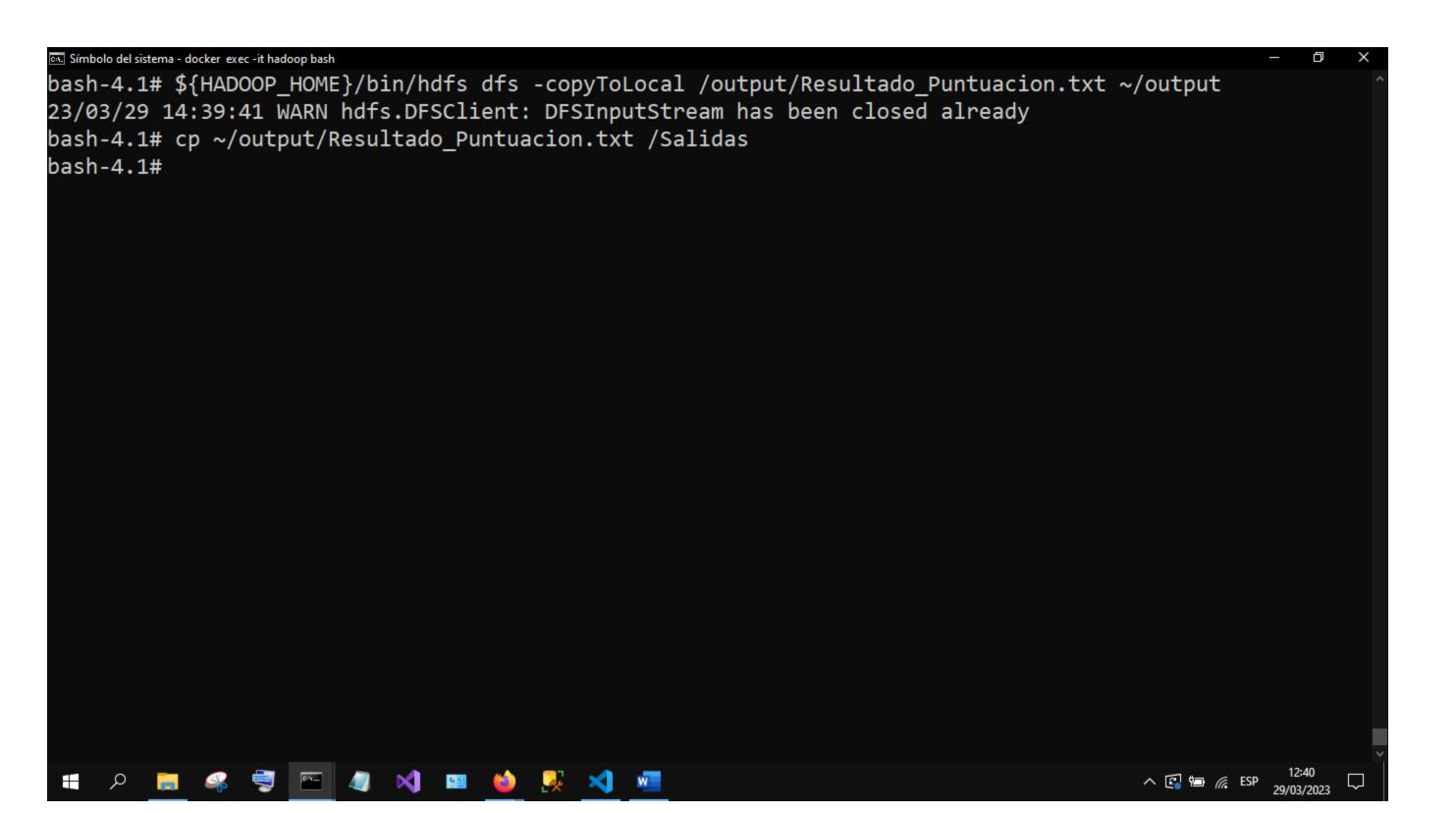


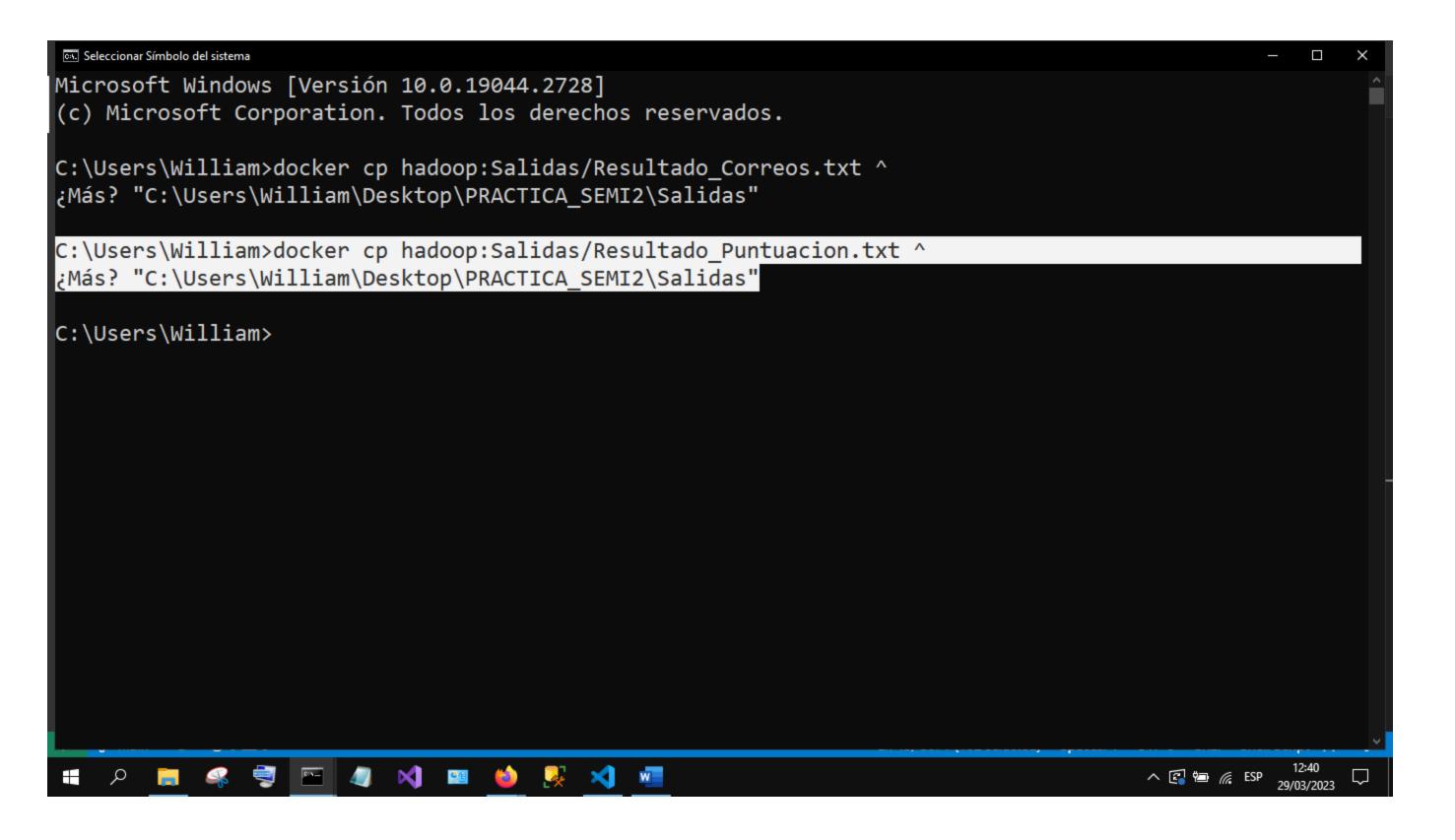
```
Símbolo del sistema - docker exec -it hadoop bash
bash-4.1# clear
bash-4.1# cd 201909103_Practica2
bash-4.1# ${HADOOP_HOME}/bin/hadoop jar WordCount.jar WordCount /input/Puntuacion.txt /output
23/03/29 14:30:42 INFO client.RMProxy: Connecting to ResourceManager at /0.0.0.0:8032
23/03/29 14:30:43 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed.
Implement the Tool interface and execute your application with ToolRunner to remedy this.
23/03/29 14:30:43 INFO input.FileInputFormat: Total input paths to process : 1
23/03/29 14:30:43 INFO mapreduce.JobSubmitter: number of splits:1
23/03/29 14:30:44 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1680108686539_0003
23/03/29 14:30:44 INFO impl.YarnClientImpl: Submitted application application_1680108686539_0003
23/03/29 14:30:44 INFO mapreduce.Job: The url to track the job: http://5bcdd9e2bf2b:8088/proxy/applicat
ion 1680108686539 0003/
23/03/29 14:30:44 INFO mapreduce.Job: Running job: job_1680108686539_0003
23/03/29 14:30:50 INFO mapreduce.Job: Job job_1680108686539_0003 running in uber mode : false
23/03/29 14:30:50 INFO mapreduce.Job: map 0% reduce 0%
23/03/29 14:30:55 INFO mapreduce.Job: map 100% reduce 0%
23/03/29 14:31:01 INFO mapreduce.Job: map 100% reduce 100%
23/03/29 14:31:01 INFO mapreduce.Job: Job job 1680108686539 0003 completed successfully
23/03/29 14:31:01 INFO mapreduce.Job: Counters: 49
        File System Counters
                FILE: Number of bytes read=46
                FILE: Number of bytes written=229879
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                                                                                       ^ 🚱 🖅 🦟 ESP
```

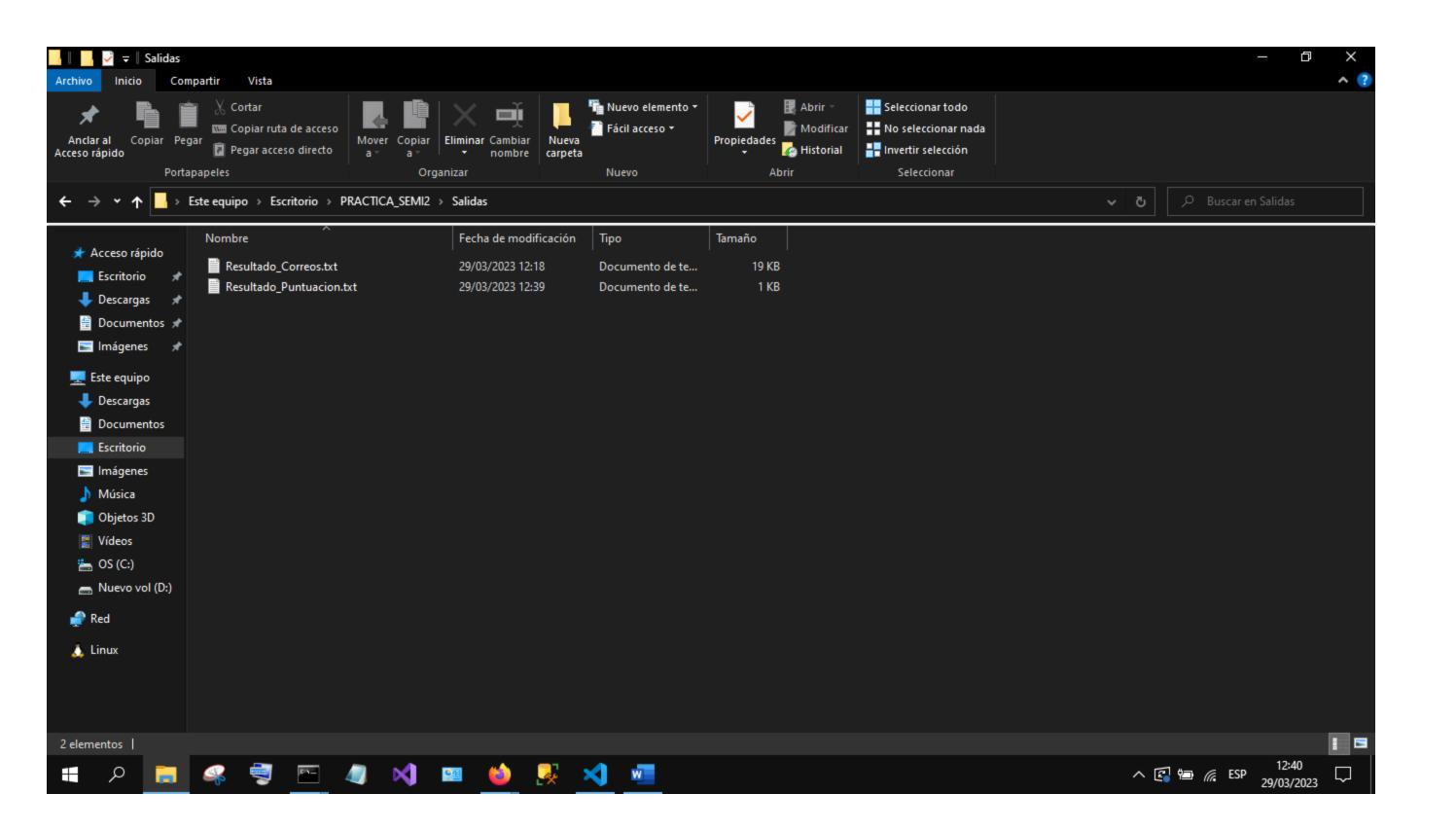


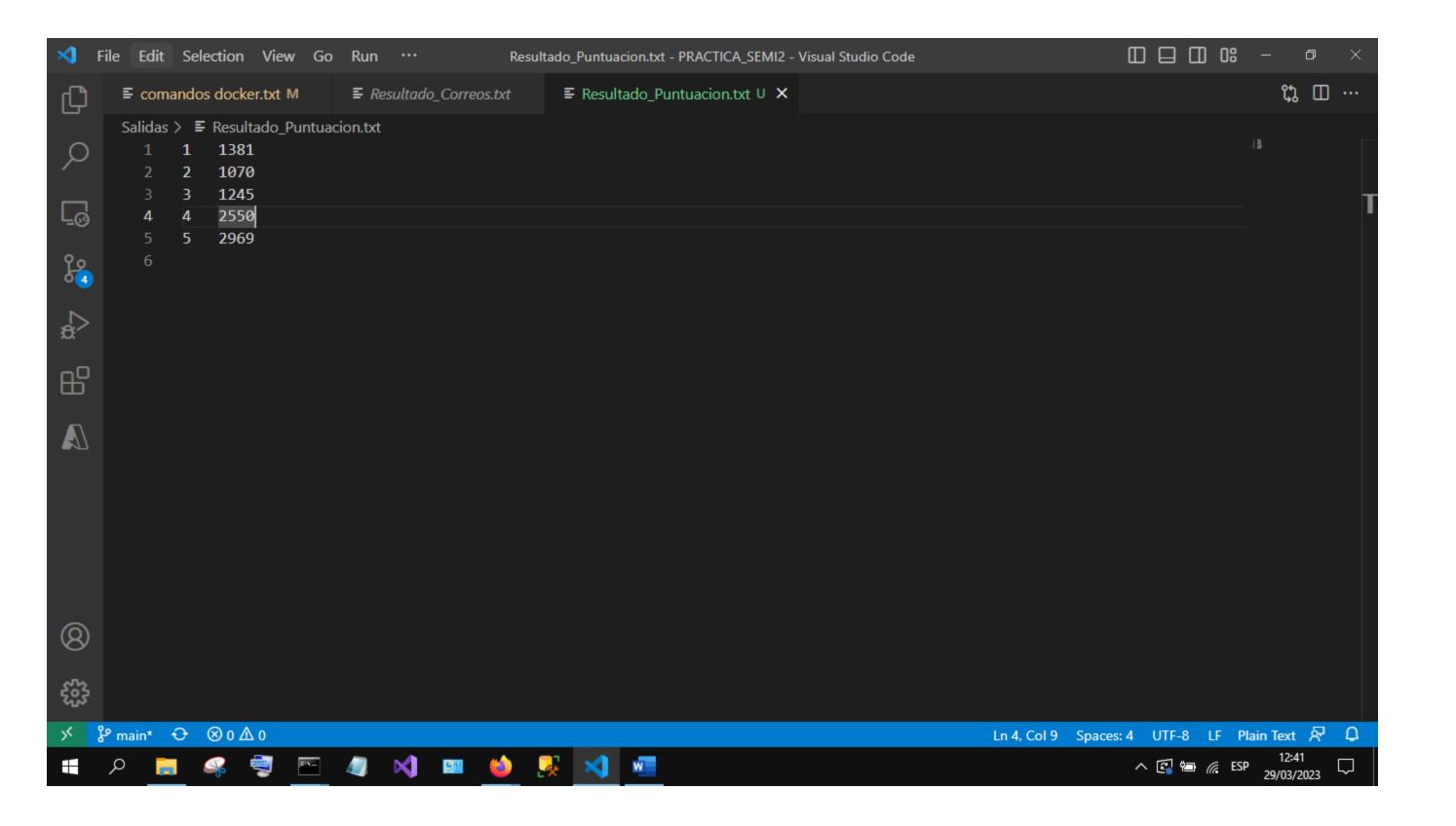
```
Símbolo del sistema - docker exec -it hadoop bash
                                                                                                                                                                         bash-4.1# ${HADOOP_HOME}/bin/hdfs dfs -ls /output
Found 2 items
-rw-r--r-- 1 root supergroup 0 2023-03-29 14:31 /output/_SUCCESS
-rw-r--r-- 1 root supergroup 35 2023-03-29 14:31 /output/part-r-00000
bash-4.1# ${HADOOP_HOME}/bin/hdfs dfs -cat /output/part-r-00000
             1381
             1070
             1245
             2550
             2969
bash-4.1#
                                                                                                                                                  ^ 🚰 🖅 ESP 12:32 29/03/2023
```

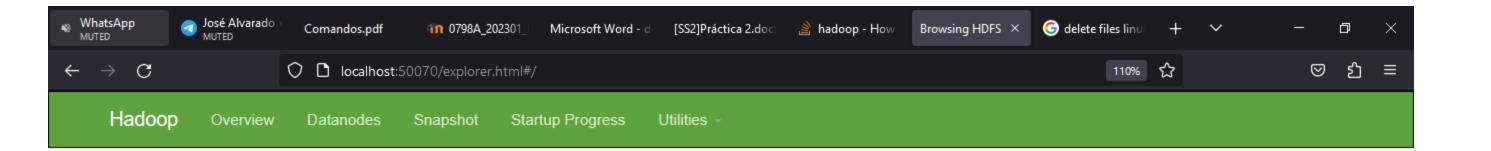








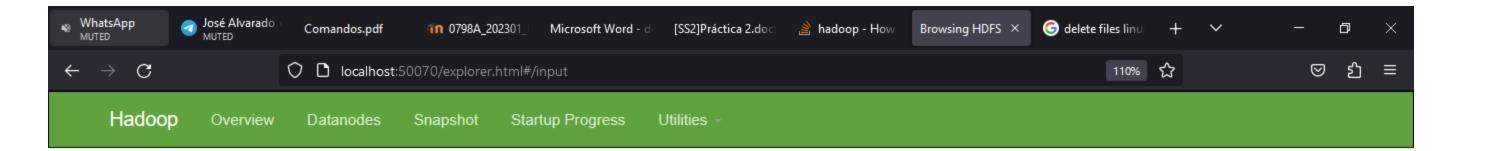




/ Go!

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
drwxr-xr-x	root	supergroup	0 B	3/29/2023, 12:28:20 PM	0	0 B	input
drwxr-xr-x	root	supergroup	0 B	3/29/2023, 12:34:48 PM	0	0 B	output
drwx	root	supergroup	0 B	3/29/2023, 11:11:36 AM	0	0 B	tmp
drwxr-xr-x	root	supergroup	0 B	7/22/2015, 9:17:26 AM	0	0 B	user

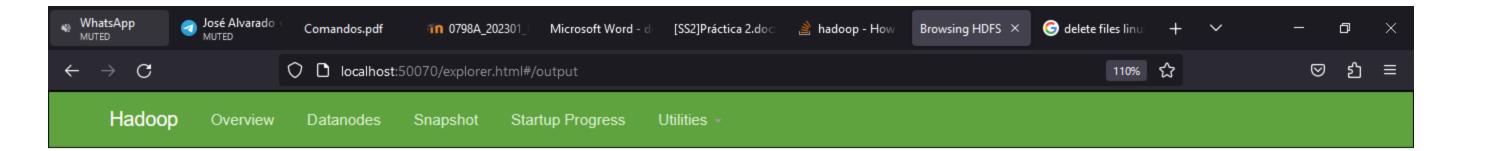




/input

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-rr	root	supergroup	18 KB	3/29/2023, 12:28:20 PM	1	128 MB	Puntuacion.txt





/output

Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name
-rw-rr	root	supergroup	35 B	3/29/2023, 12:31:00 PM	1	128 MB	Resultado_Puntuacion.txt
-rw-rr	root	supergroup	0 B	3/29/2023, 12:31:00 PM	1	128 MB	_SUCCESS

