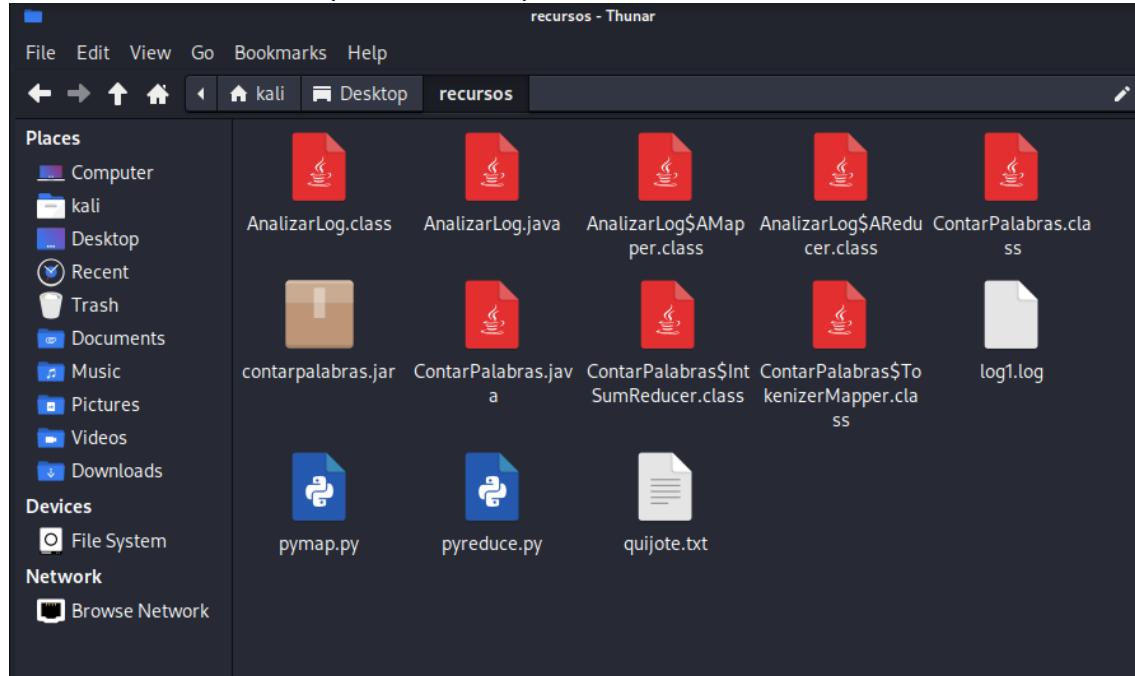


Solucion tarea 6 parte 2

Guardo los archivos de Python en la carpeta de recursos



Los hago ejecutables

```
\[\e]0;\u0@h: \w\@]\[\033[;32m\]—(\[\033[1;34m\]\u0@h\[\033[;32m\])-[\\[\033[0;1m\]\w\[\033[;32m\]]\n\[\\033[;32m\]—\[\\033[1;34m\]$\\[\033[0m\] chmod +x pymap.py pyreduce.py
chmod: cannot access 'pyreduce.py': No such file or directory

\[e]0;\u0@h: \w\@]\[\033[;32m\]—(\[\033[1;34m\]\u0@h\[\033[;32m\])-[\\[\033[0;1m\]\w\[\033[;32m\]]\n\[\\033[;32m\]—\[\\033[1;34m\]$\\[\033[0m\] chmod +x pyreduce.py
chmod: cannot access 'pyreduce.py': No such file or directory

\[e]0;\u0@h: \w\@]\[\033[;32m\]—(\[\033[1;34m\]\u0@h\[\033[;32m\])-[\\[\033[0;1m\]\w\[\033[;32m\]]\n\[\\033[;32m\]—\[\\033[1;34m\]$\\[\033[0m\] chmod +x pyreduce.py
chmod: cannot access 'pyreduce.py': No such file or directory
```

Ejecuto Hadoop Streaming

```
\[\e]0;\u0@h: \w\@]\[\033[;32m\]—(\[\033[1;34m\]\u0@h\[\033[;32m\])-[\\[\033[0;1m\]\w\[\033[;32m\]]\n\[\\033[;32m\]—\[\\033[1;34m\]$\\[\033[0m\] hadoop jar /home/kali/Desktop/hadoop/share/hadoop/tools/lib/hadoop-streaming-3.3.6.jar
ar \
-files pymap.py.pyreduce.py \
-mapper "python3 pymap.py" \
-reducer "python3 pyreduce.py" \
-input /practicas/quijsote.txt \
-output /resultado4

packageJobJar: [/tmp/hadoop-unjar12458442926707898018/] [] /tmp/streamjob17393654640415073573.jar tmpDir=null
2025-11-28 06:56:18,118 INFO client.DefaultNoHARMFailoverProxyProvider: Connecting to ResourceManager at localhost/127.0.0.1:8032
2025-11-28 06:56:18,600 INFO client.DefaultNoHARMFailoverProxyProvider: Connecting to ResourceManager at localhost/127.0.0.1:8032
2025-11-28 06:56:19,113 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/kali/.staging/job_1764324830287_0003
2025-11-28 06:56:20,445 INFO mapred.FileInputFormat: Total input files to process : 1
2025-11-28 06:56:20,994 INFO mapreduce.JobSubmitter: number of splits:2
2025-11-28 06:56:21,435 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1764324830287_0003
2025-11-28 06:56:21,436 INFO mapreduce.JobSubmitter: Executing with tokens: []
2025-11-28 06:56:22,000 INFO conf.Configuration: resource-types.xml not found
2025-11-28 06:56:22,000 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
[[B[[B[[B2025-11-28 06:56:22,183 INFO impl.YarnClientImpl: Submitted application application_1764324830287_0003
2025-11-28 06:56:22,295 INFO mapreduce.Job: The url to track the job: http://kali:8088/proxy/application_1764324830287_0003/
2025-11-28 06:56:22,301 INFO mapreduce.Job: Running job: job_1764324830287_0003
2025-11-28 06:56:35,416 INFO mapreduce.Job: Job job_1764324830287_0003 running in uber mode : false
2025-11-28 06:56:35,418 INFO mapreduce.Job: map 0% reduce 0%
2025-11-28 06:56:56,030 INFO mapreduce.Job: map 100% reduce 0%
2025-11-28 06:57:06,328 INFO mapreduce.Job: map 100% reduce 100%
```

Comprobamos los resultados

```
\[\e]0;\u000d\h: \w\|a\|\[\033[;32m\]\f\-\(\[\033[1;34m\]\u0009\h\[\033[;32m\])-\[\033[0;1m\]\]└\[\033[1;34m\]$[\033[0m\] hadoop fs -ls /resultado4
Found 2 items
-rw-r--r--    1 kali supergroup          0 2025-11-28 06:57 /resultado4/_SUCCESS
-rw-r--r--    1 kali supergroup  448894 2025-11-28 06:57 /resultado4/part-00000

\[\e]0;\u000d\h: \w\|a\|\[\033[;32m\]\f\-\(\[\033[1;34m\]\u0009\h\[\033[;32m\])-\[\033[0;1m\]\]└\[\033[1;34m\]$[\033[0m\] hadoop fs -cat /resultado4/part-00000 | head -n 50
!Mal      1
"Al       1
"Cuando   2
"Cuidados 1
"De       2
"Defects," 1
"Desnudo  1
"Dijo     1
"Dime     1
"Don      1
"Donde    1
"Dulcinea 1
"El       2
"Esta     1
"Harto    1
"Iglesia, 1
"Information 1
"Más      2
"No       5
"Nunca   1
"Plain    2
"Project  5
"Que      1
"Quien   1
"Right    1
"Salta   1
"Sancho  1
"Si      3
"Tened   1
"Toda    1
"Vengan  1
"Vete,   1
"Viose   1
"Vivo    1
"Vuestro 1
"Y       1
"a      3
"alli   1
"bebe   1
"caballeros 1
"cada   1
"castigame 1
"cordés, 1
```