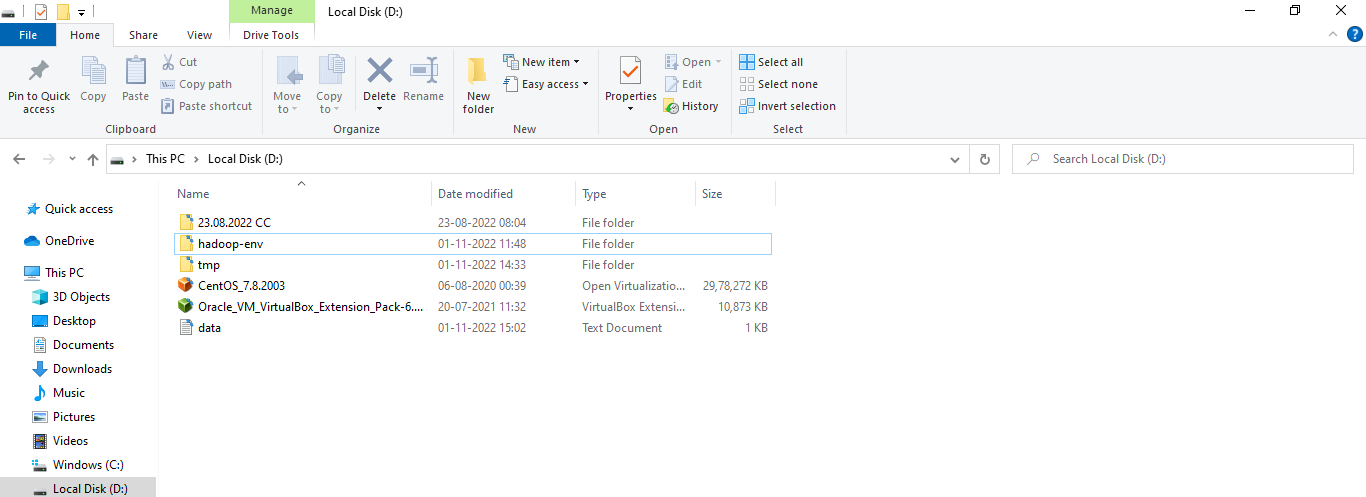
**SUBJECT**: IT8711 FOSS AND CLOUD COMPUTING LABORATORY

**EXERCISE NO**: 10

**EXERCISE-10 –WORD COUNT PROGRAM USING MAPREDUCE**

**Step 1:** Create a text file “D:/data.txt”

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**Step 2:** Create a directory in HDFS, where to kept text file. hdfs dfs -mkdir /user

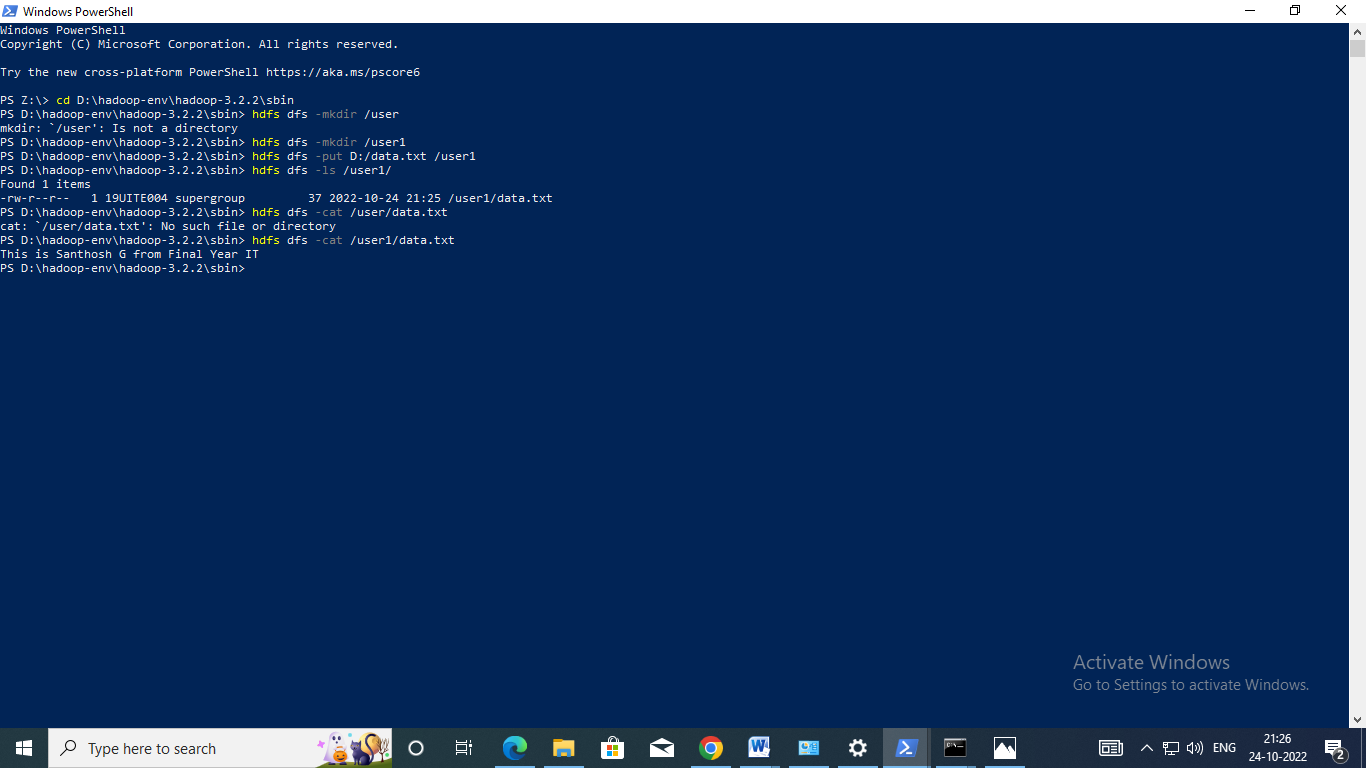
**Step 3:** Upload the data.txt file on HDFS in the specific directory

hdfs dfs -put D:/data.txt /user

**Step 4:** List the files or directories in hdfs

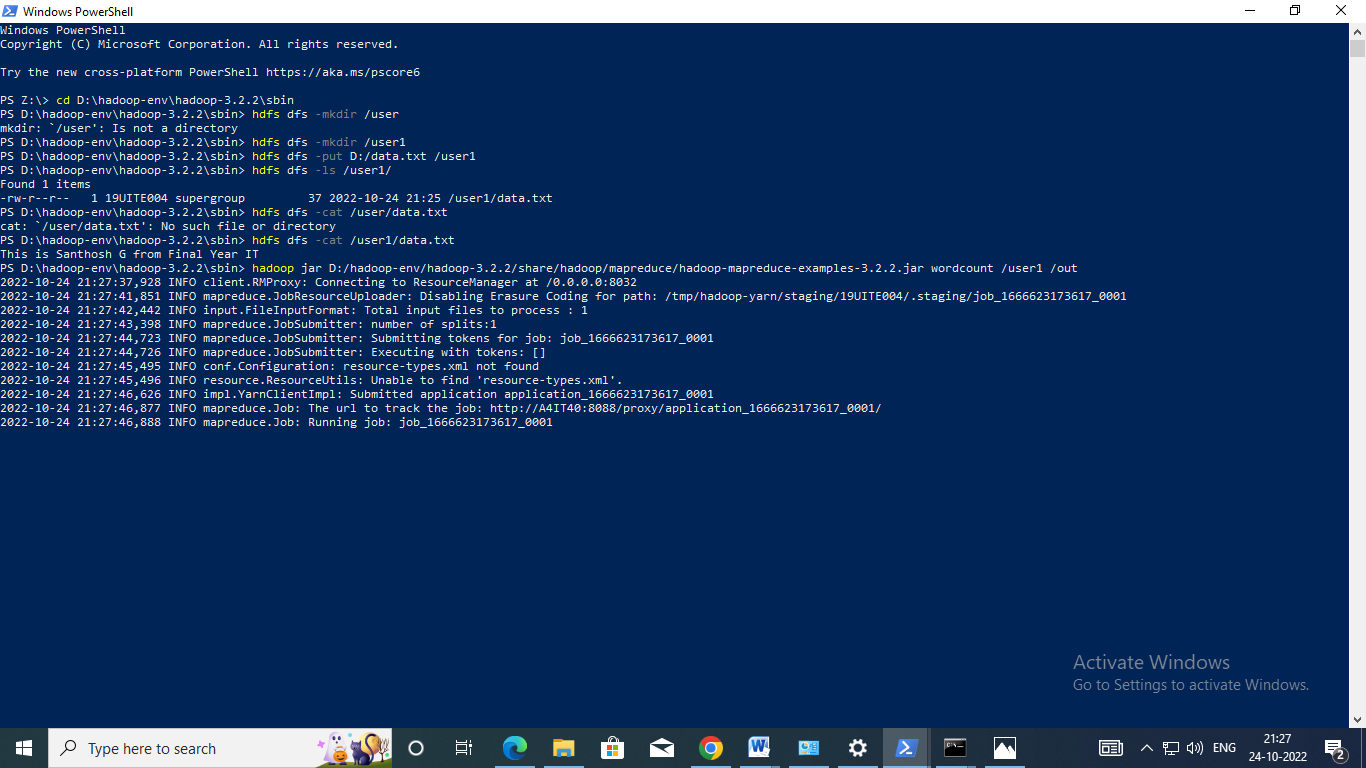
hdfs dfs -ls /user/

**Step 5:** To view the content of the file “/user/data.txt” hdfs dfs -cat /user/data.t

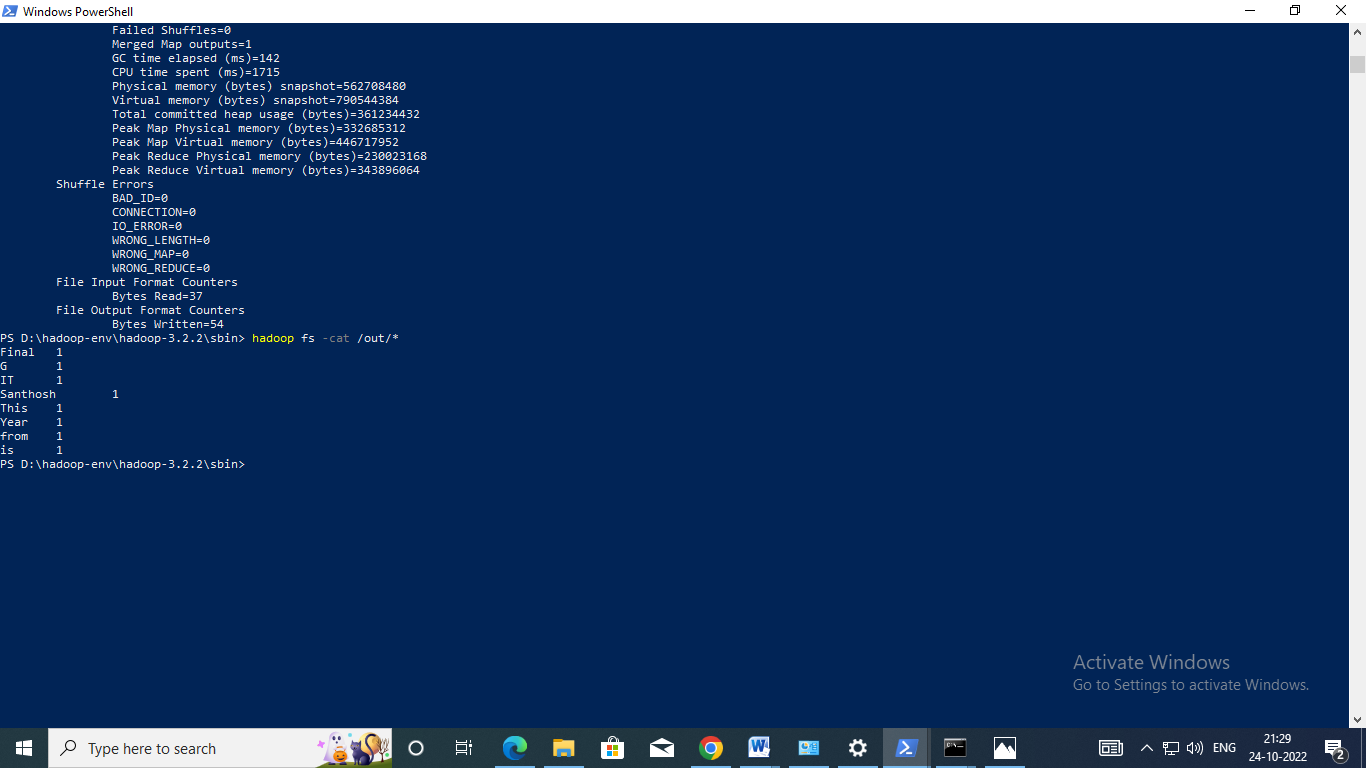


**Step 6:** Run the jar file

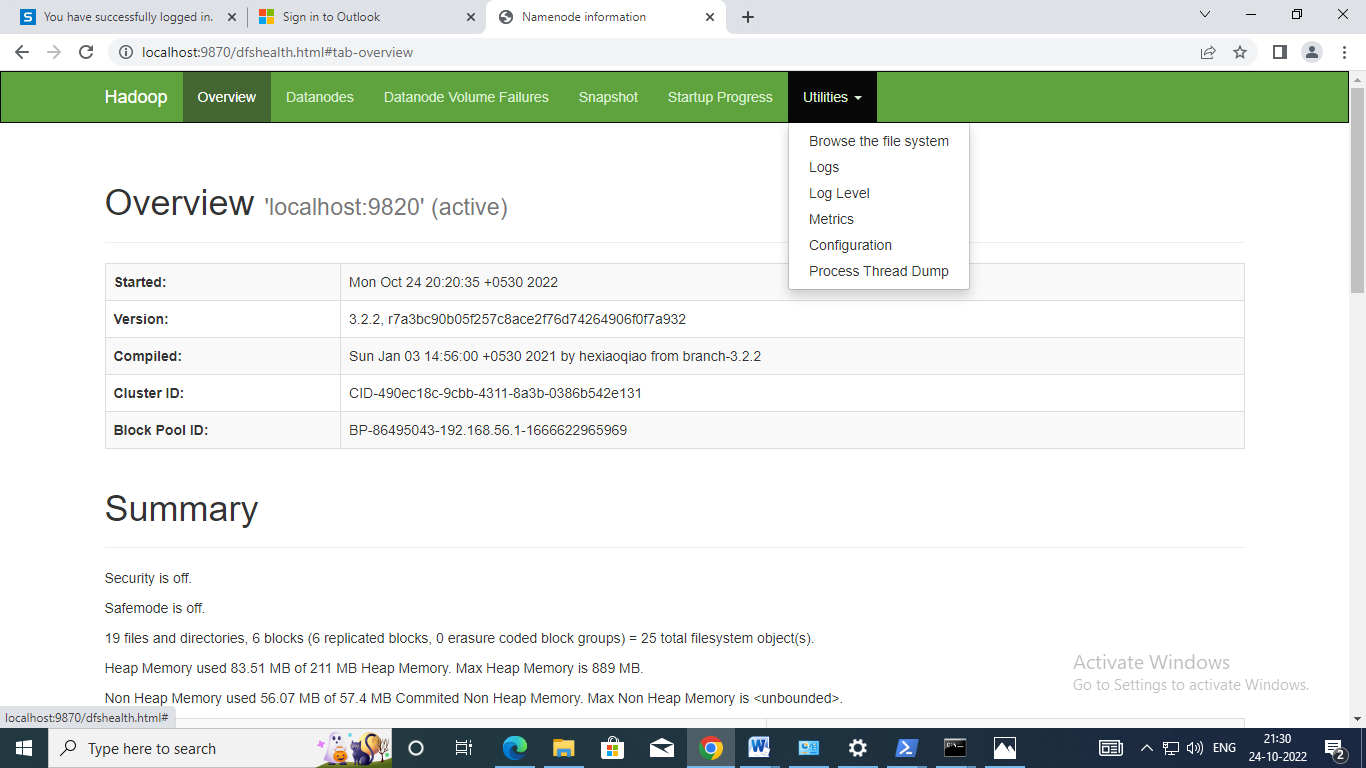
hadoop jar D:/hadoop-env/hadoop-3.2.2/share/hadoop/mapreduce/hadoop-mapreduce-examples- 3.2.2.jar wordcount /user /ou

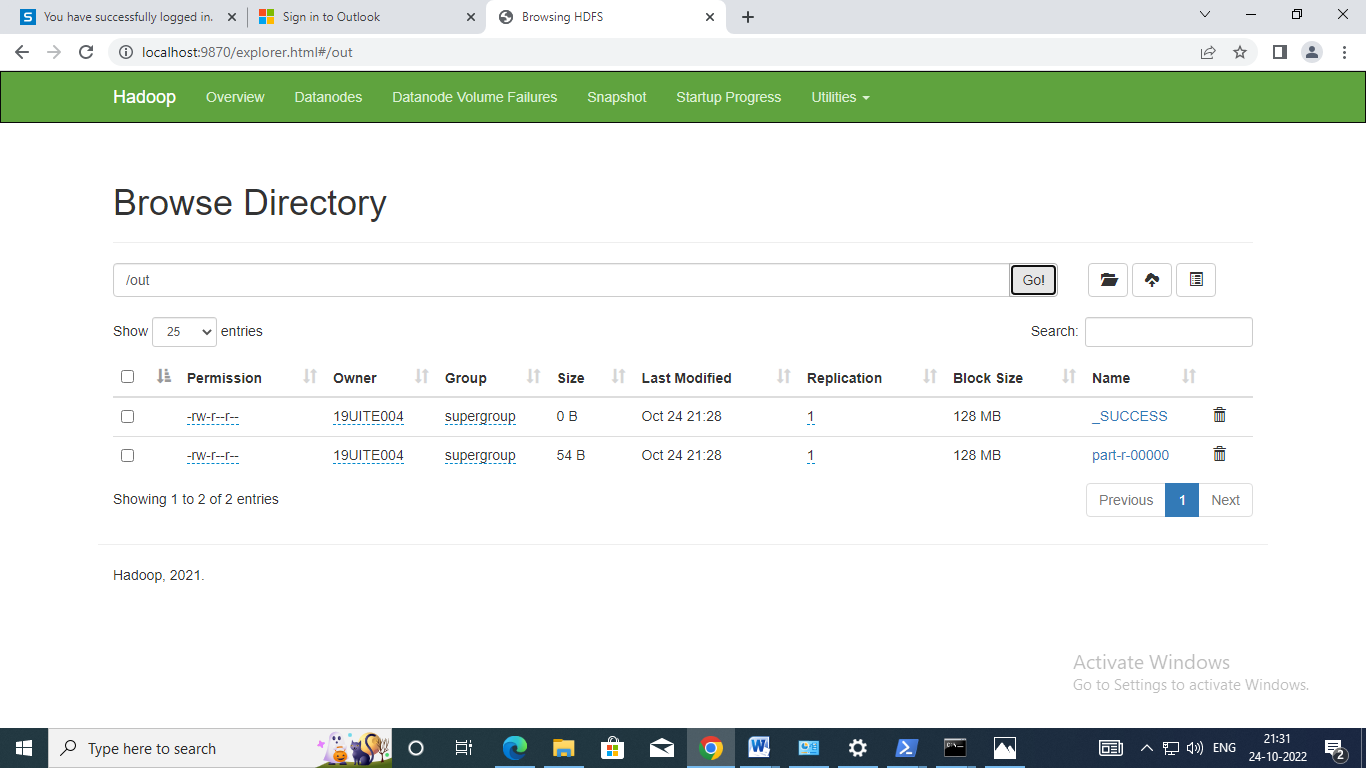


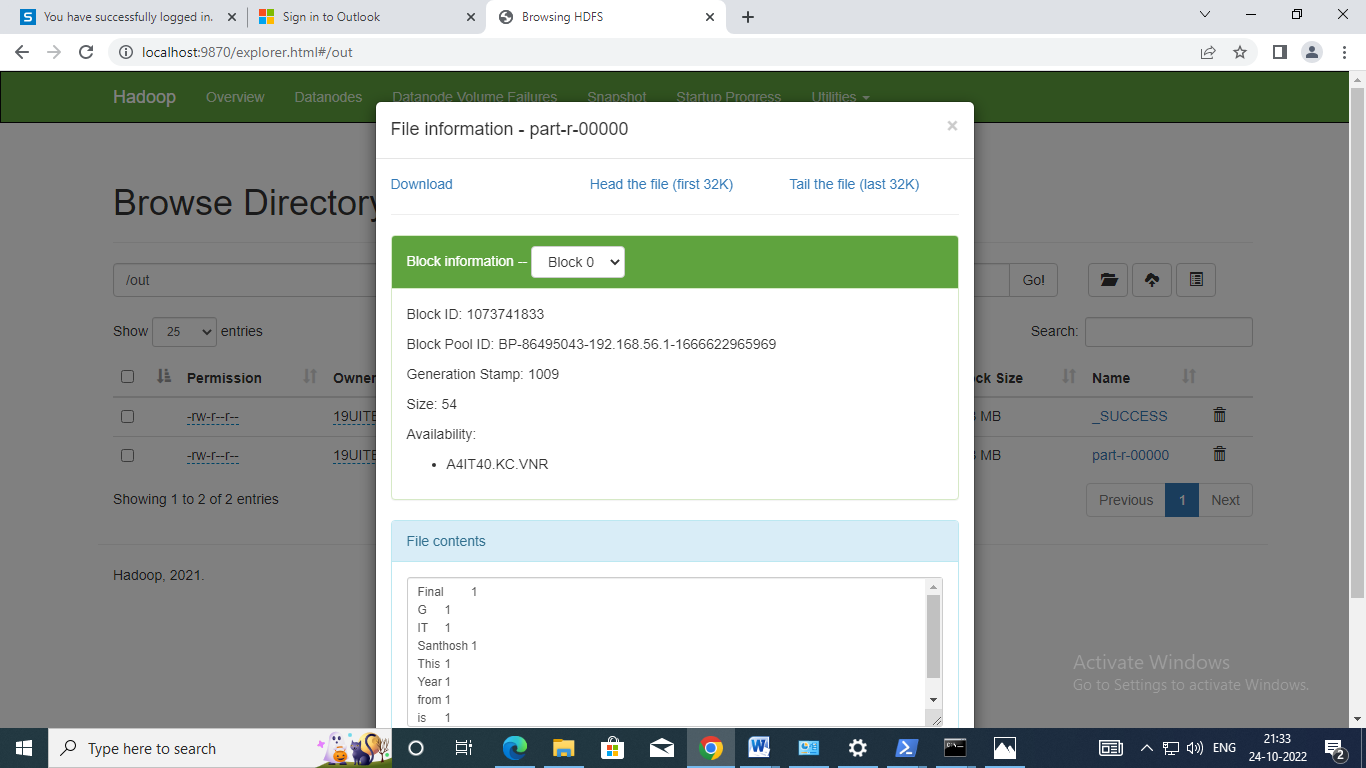
**Step 7:** To view the output in “/out/\*” hadoop fs



**Output:**

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****

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s