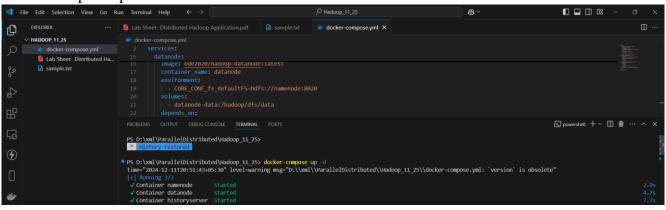
SE6103 Parallel and Distributed Systems

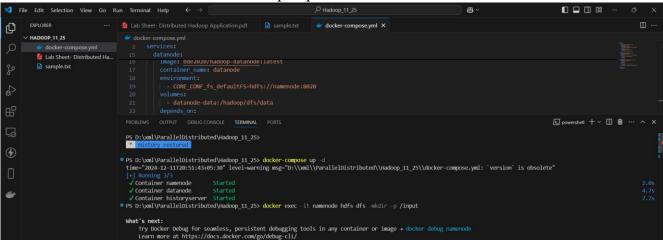
Lab Sheet: Distributed Hadoop Application

19APSE4325 – Tharindu Lakmal

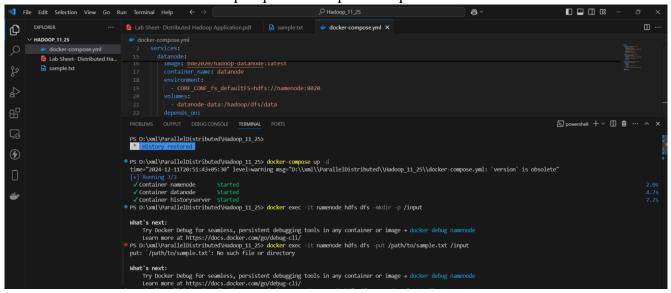
- 1. docker-compose.yml
- 2. docker-compose up -d



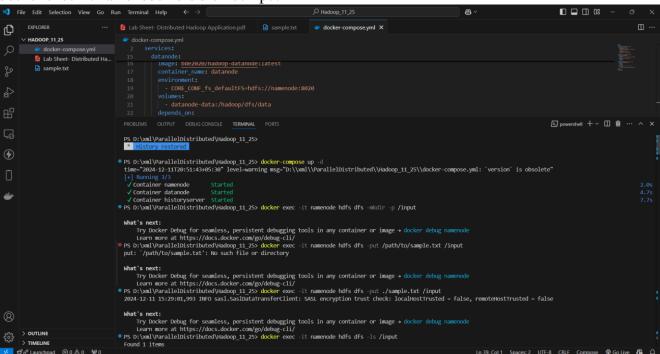
3. docker exec -it namenode hdfs dfs -mkdir -p /input

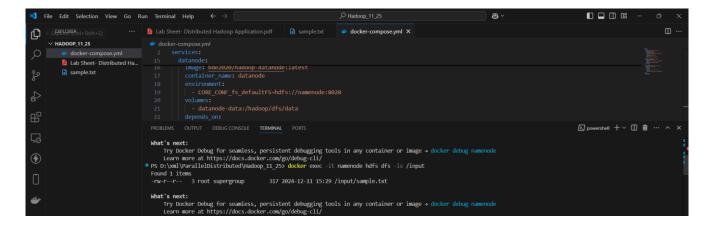


4. docker exec -it namenode hdfs dfs -put /path/to/sample.txt /input

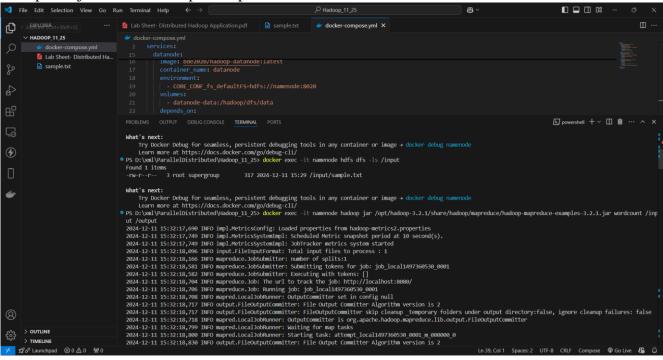


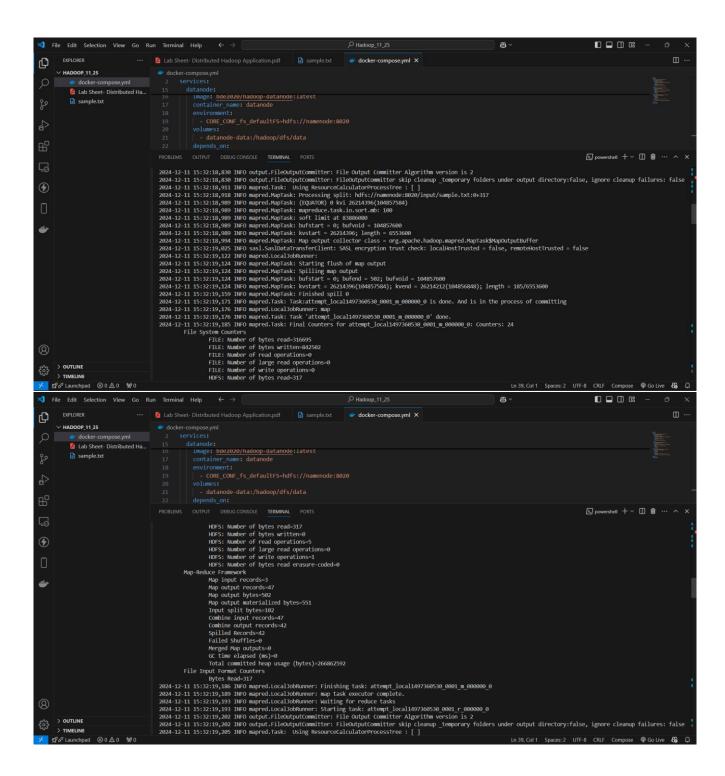
5. docker exec -it namenode hdfs dfs -ls /input

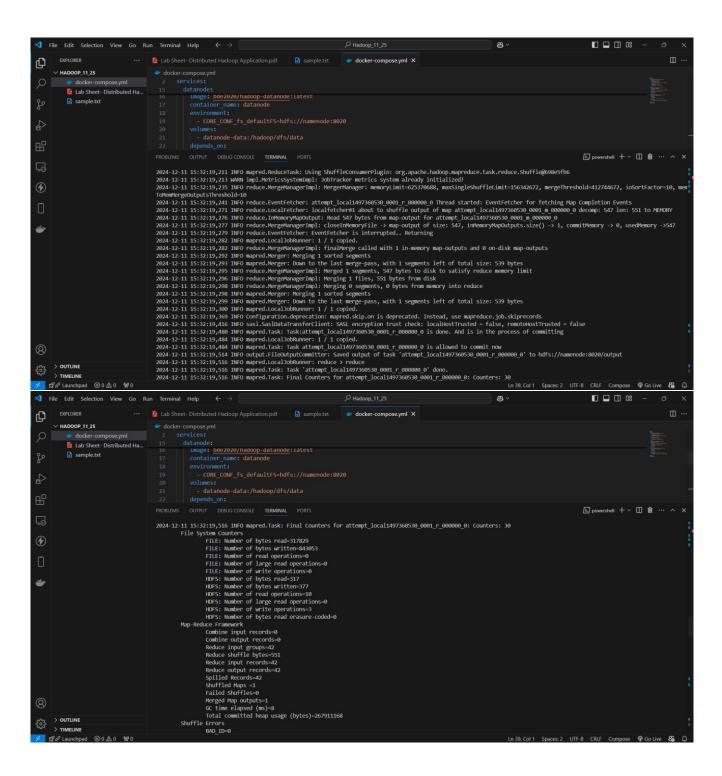


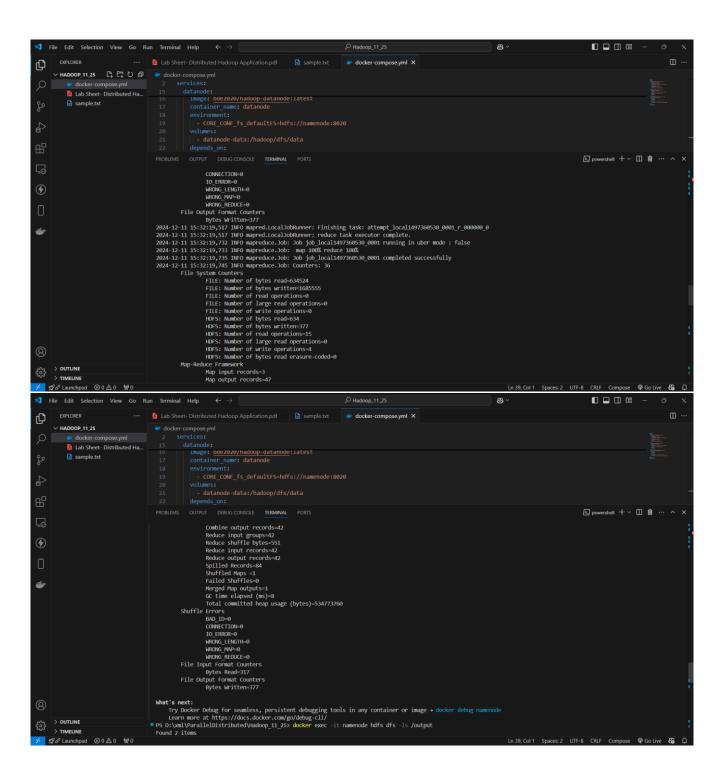


6. docker exec -it namenode hadoop jar /opt/hadoop/share/hadoop/mapreduce/hadoop-mapreduce-examples-*.jar wordcount /input /output

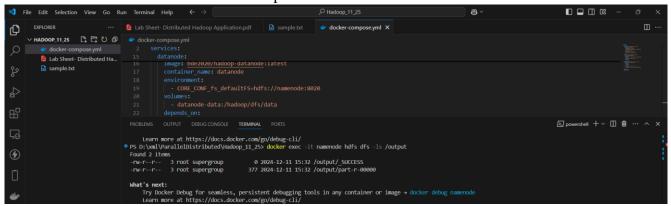




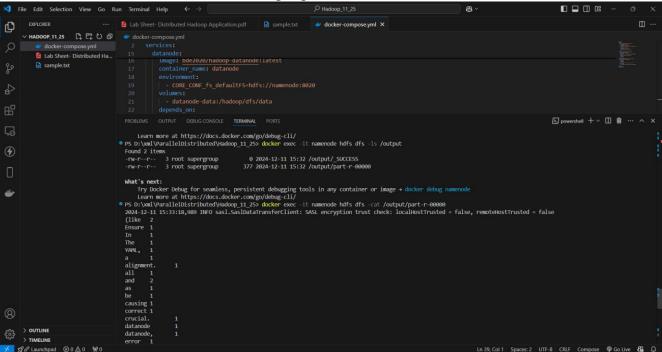


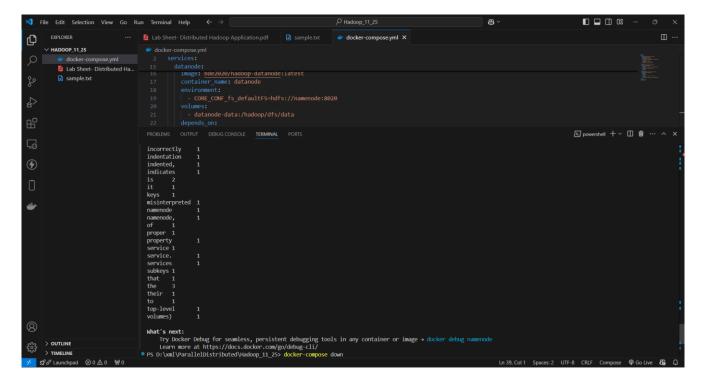


7. docker exec -it namenode hdfs dfs -ls /output



8. docker exec -it namenode hdfs dfs -cat /output/part-r-00000





9. docker-compose down

