LAB SHEET 02

**Sabaragamuwa University of Sri Lanka Faculty of Computing**

**Department of Software Engineering SE6103 – Parallel and Distributed Systems**

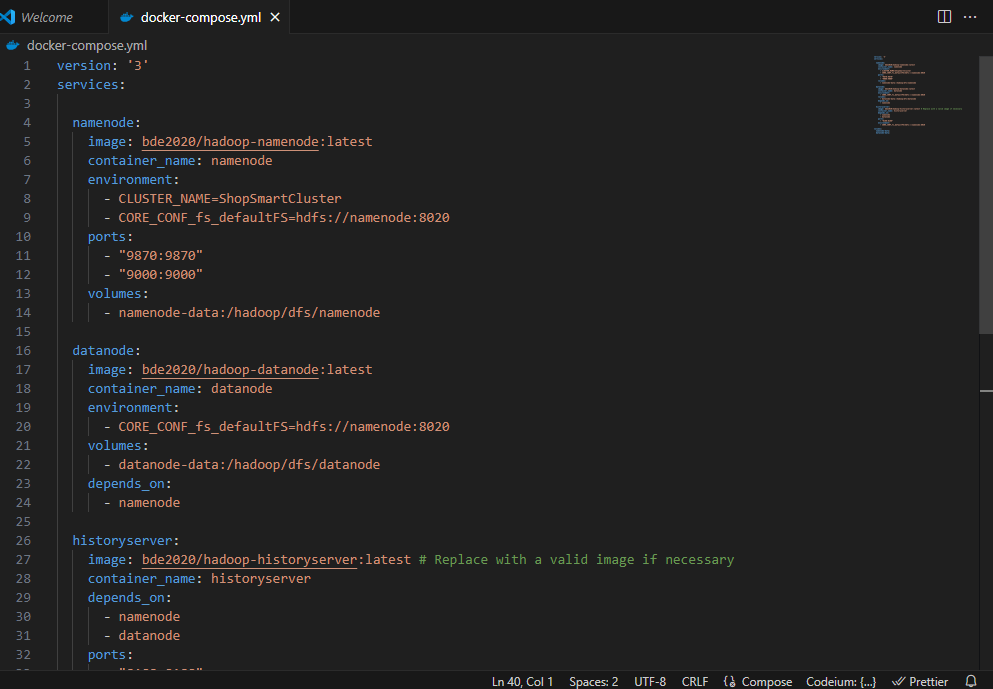
# Name : M. S Hewage

Reg. No : 19APSE4300

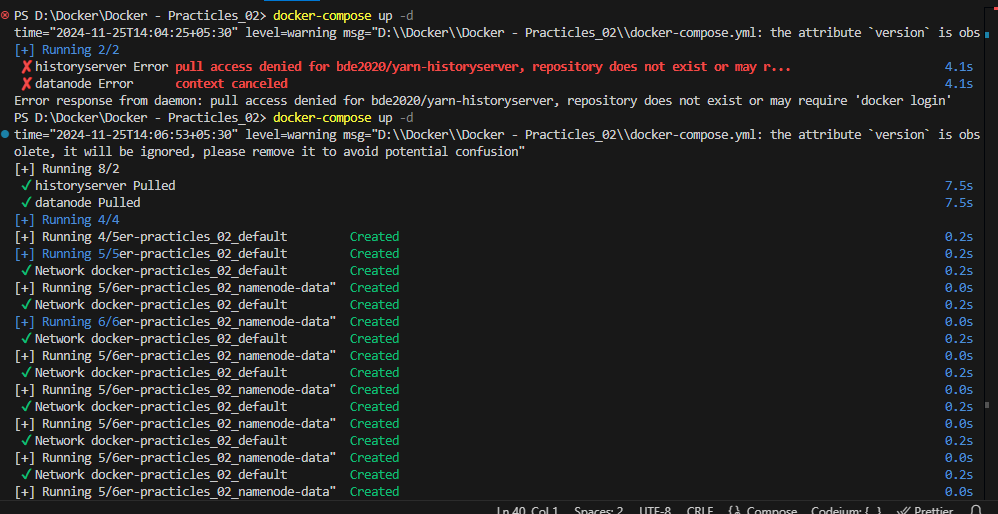
# Degree Program : Software Engineering Academic Period : 3RD Year 2ND Semester

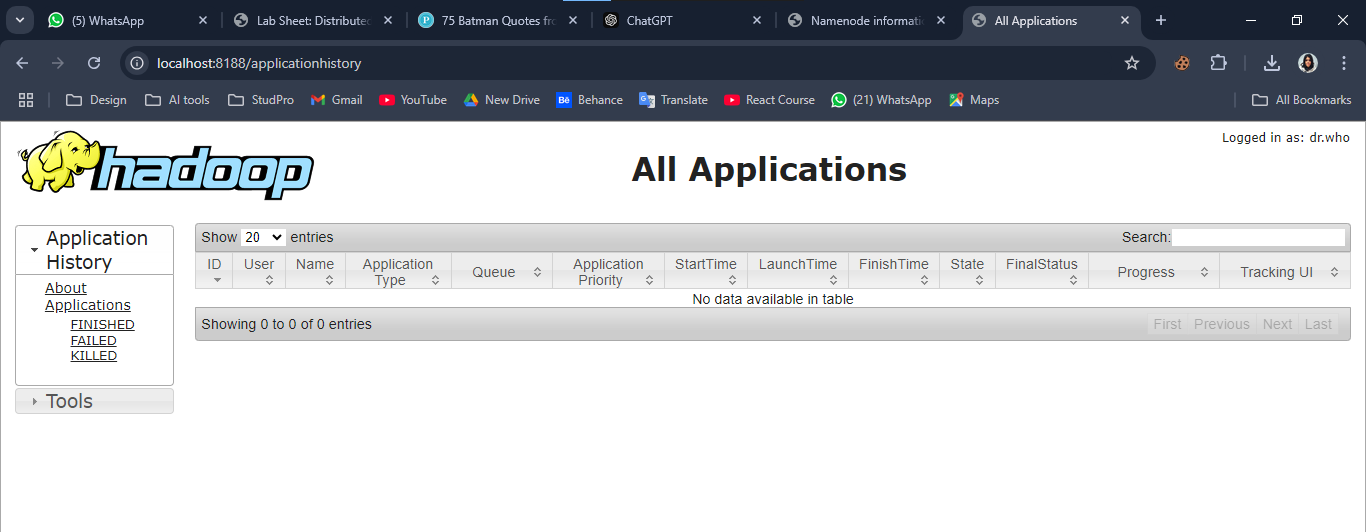
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## Task 1: Setting Up the Distributed Hadoop Cluster

Step 1: Prepare the Docker Compose File

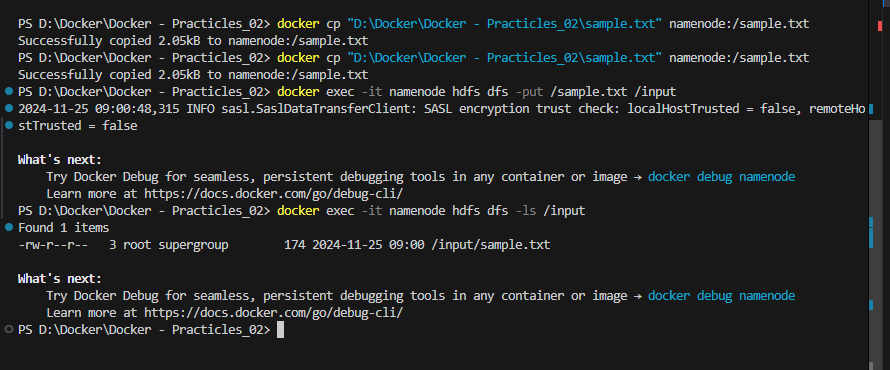
Step 2: Deploy the Cluster

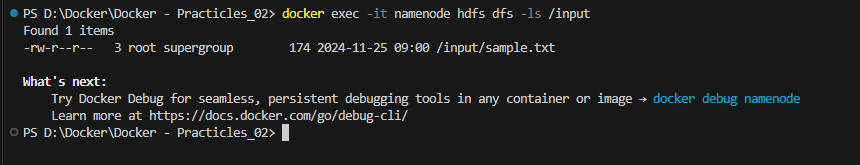


4. Step 3: Verify Cluster Status

## Task 2: Uploading Data to HDFS

## 2. Upload Data to HDFS





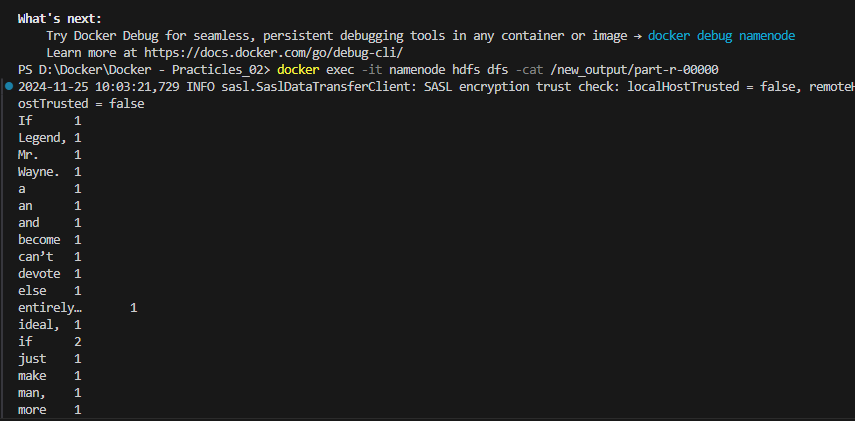
## Task 3: Running a MapReduce Job

## Run the WordCount MapReduce Job

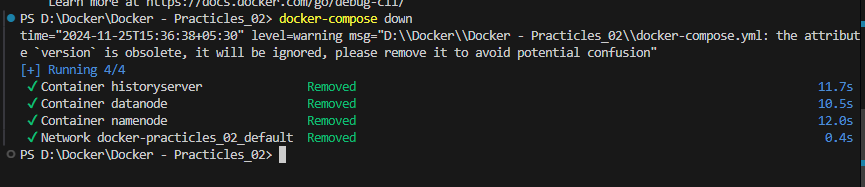
## 

## 2. Monitor the Job

## 



Clean Up the Cluster



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