

Big Data Lab 3

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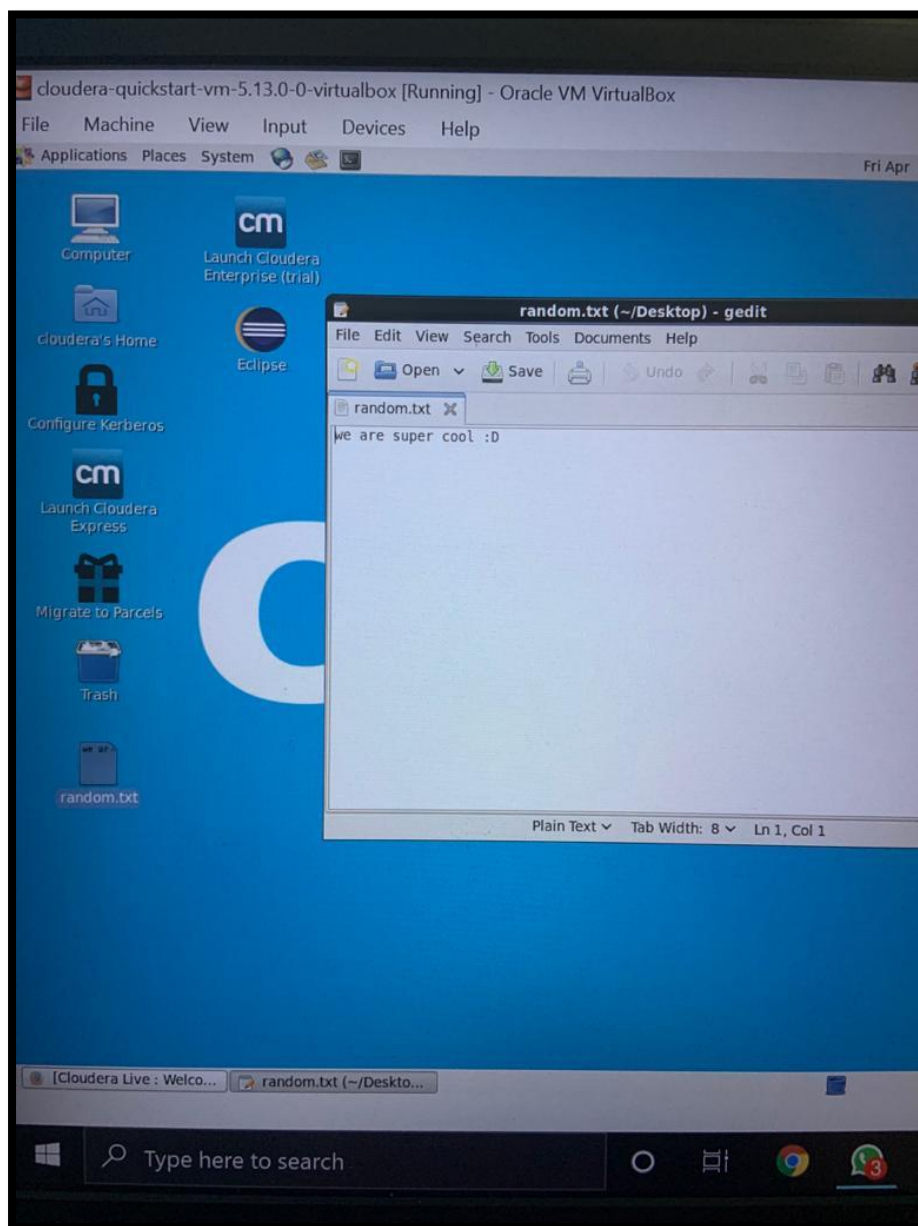
Kopal Sharma – J045

Aim: Word count using Hive

Objectives:

1. To run hive command.
2. Copy Data file from Local to HDFS.
3. Generate a Word count query.
4. Display Word count of the file.

Text File used:



Code & Output:

Start HIVE:

```
CREATE TABLE FILES (line STRING);
```

```
LOAD DATA INPATH 'random1.txt' OVERWRITE INTO TABLE FILES;
```

```
CREATE TABLE wordcount AS
```

```
SELECT w.word, count(1) AS
```

```
count from (SELECT explode(split(line, ' ')) as word from FILES) w
```

```
GROUP BY w.word
```

```
ORDER BY w.word;
```

```
SELECT * FROM wordcount;
```

