BDA Lab 7

Counting Profile Views

You are given a dataset in .txt format. The file contains 90 lines where a sample line looks like this:

"8   Razi Haider   Musa Dildar"

Where 8 is the line number and it shows that Razi Haider Visited Musa Dildar's Profile. This is called a Profile View of Musa Dildar and can be shown in Linked in notification that how many Profile Views Musa Dildar has.

I want to calculate all the Profile Views for the students whose profile was visited so that we can show a notification such as above.

REQUIREMENTS

Requirement-1:
Write a MapReduce Program in Python that calculates the Profile Views for all the Visited Profiles.

Requirement-2:
Create a Directory "ProfileViews/Input" on your Hadoop File System and put the file there.

Requirement-3:
Run your MapReduce Program in Python (as done in previous lab) your output folder name must be your roll number (So I can mark your task just by looking at the images).

Requirement-4:
Once all done create a MS Document file and paste the following in the file:

Image 1: Overview (Cluster ID, Block Pool ID)

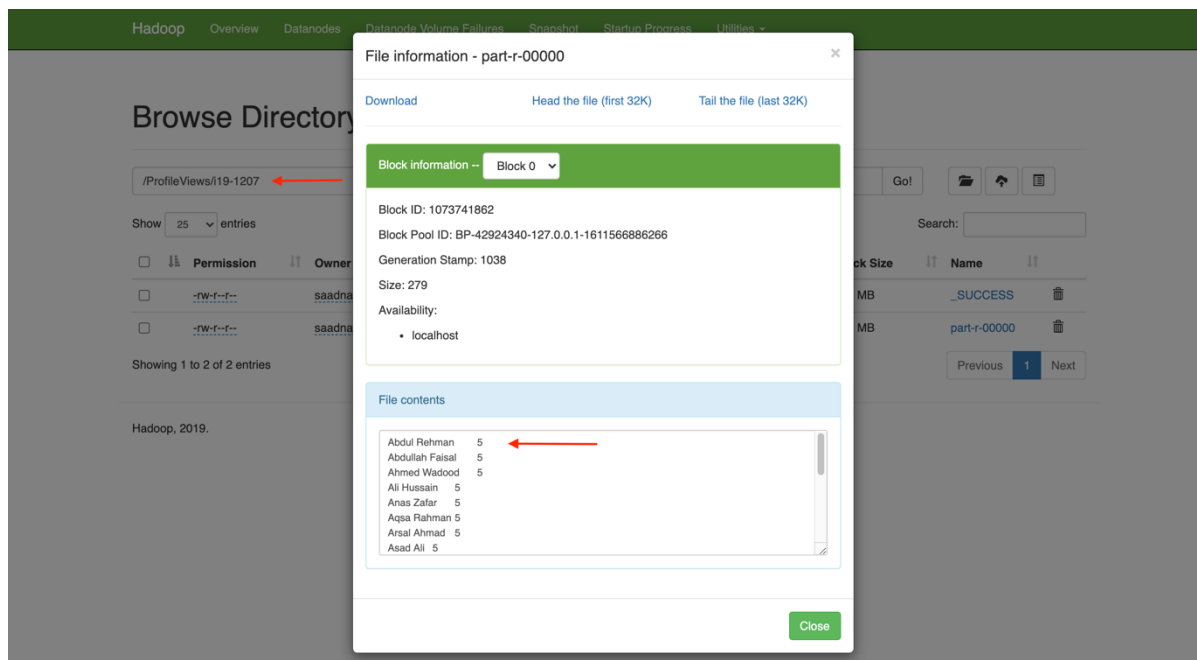*Image 2:Terminal Success starting from Red underline all the way down to your terminal username*

Image 3:Final GUI Output that shows the directory structure in the background
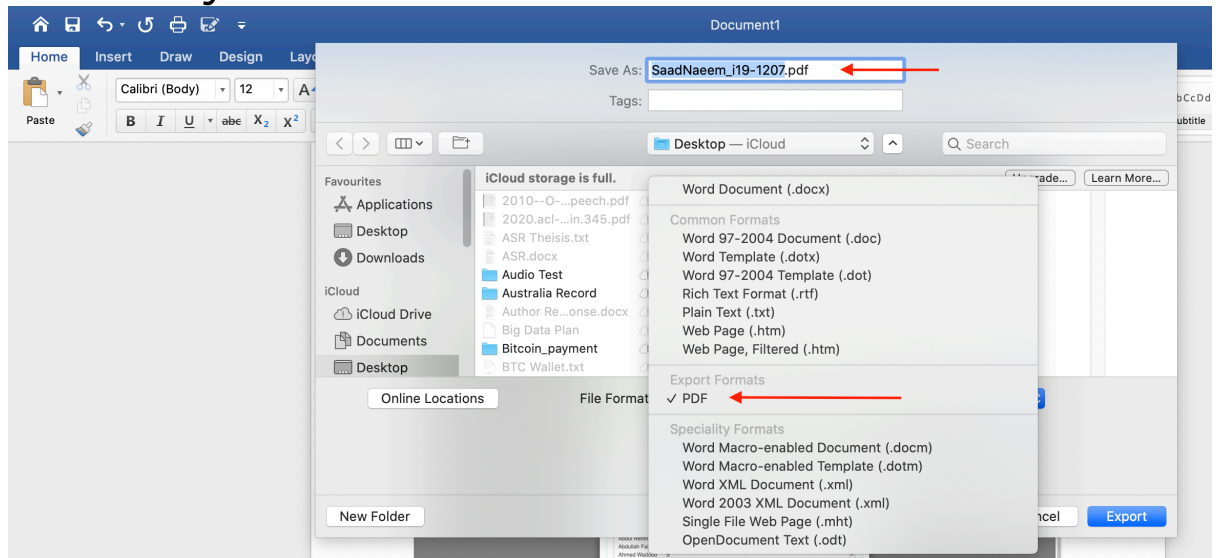
- `Paste Your Mapper logic`

- `Paste Your Reducer Logic`
- `Finally:`

Image 4:Must Save as PDF with your Name_Rollnumber.pdf