Vishwakarma University, Pune University Grants Commission (UGC) Approved State Private University

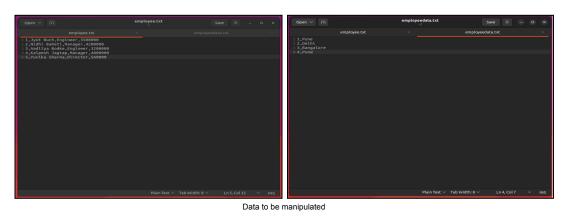
Assignment 5	
Name - Jyot Buch	Roll No 09
Date of Submission - 01/05/2023	Class - A (2023 Batch)

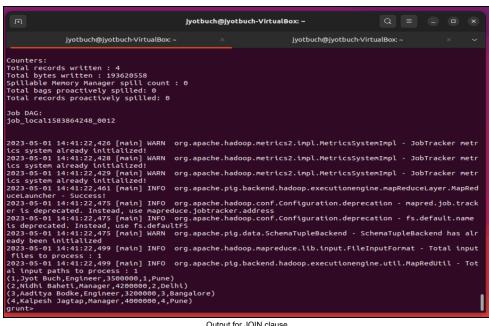
1. Explain the steps required for installation of Apache Pig and then take any Pig relation with schema of:

(id: int, name: chararray, address:chararray, age:int, salary:int)

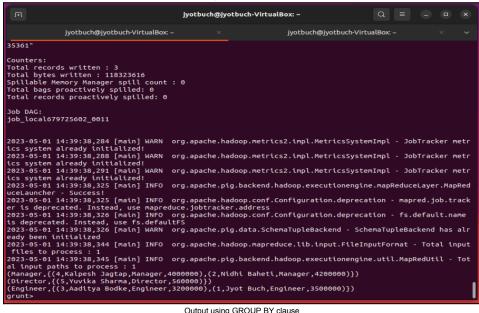
You are required to perform Pig operations of Join, Grouping, Filtering and Sorting. Support your answer with screenshots.

- 1. Download the latest version of Apache Pig from the official website (https://pig.apache.org/).
- 2. Extract the downloaded file using the following command: tar -xzf pig-0.16.0.tar.gz
- 3. Move the extracted directory to the desired location using the following command: sudo mv pig-0.16.0 /usr/local/pig
- 4. Set the PIG_HOME environment variable to the Pig installation directory using the following command: export PIG_HOME=/usr/local/pig
- 5. Add the Pig binary directory to the PATH environment variable using the following command: export PATH=\$PATH:\$PIG_HOME/bin
- 6. Verify the installation by running the Pig version command: pig -version

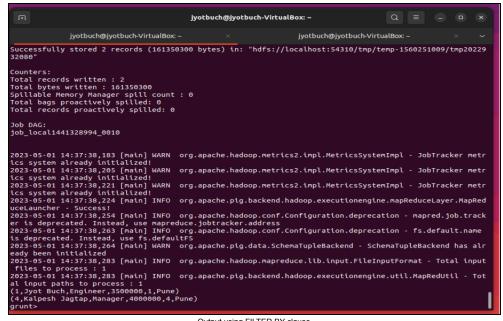




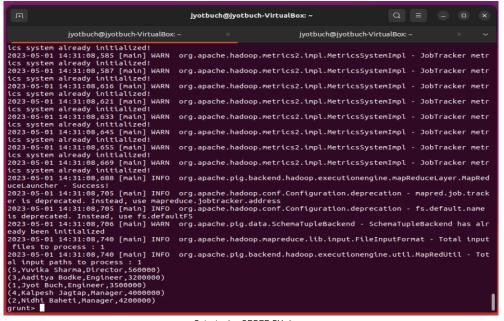
Output for JOIN clause



Output using GROUP BY clause



Output using FILTER BY clause



Output using ORDER BY clause