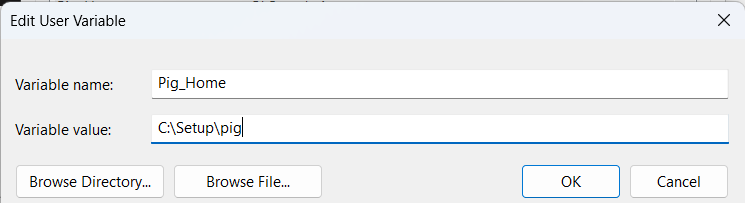
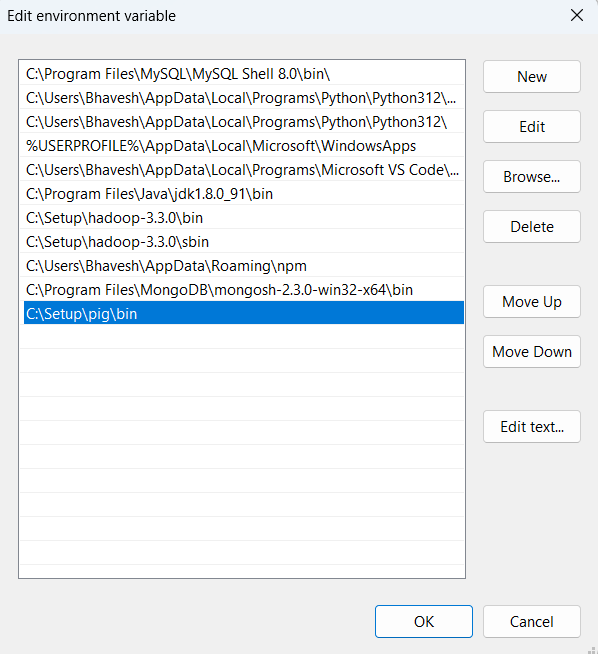
**Practical No 5**

* **Set PIG\_HOME in environment variable**



* **Add path**

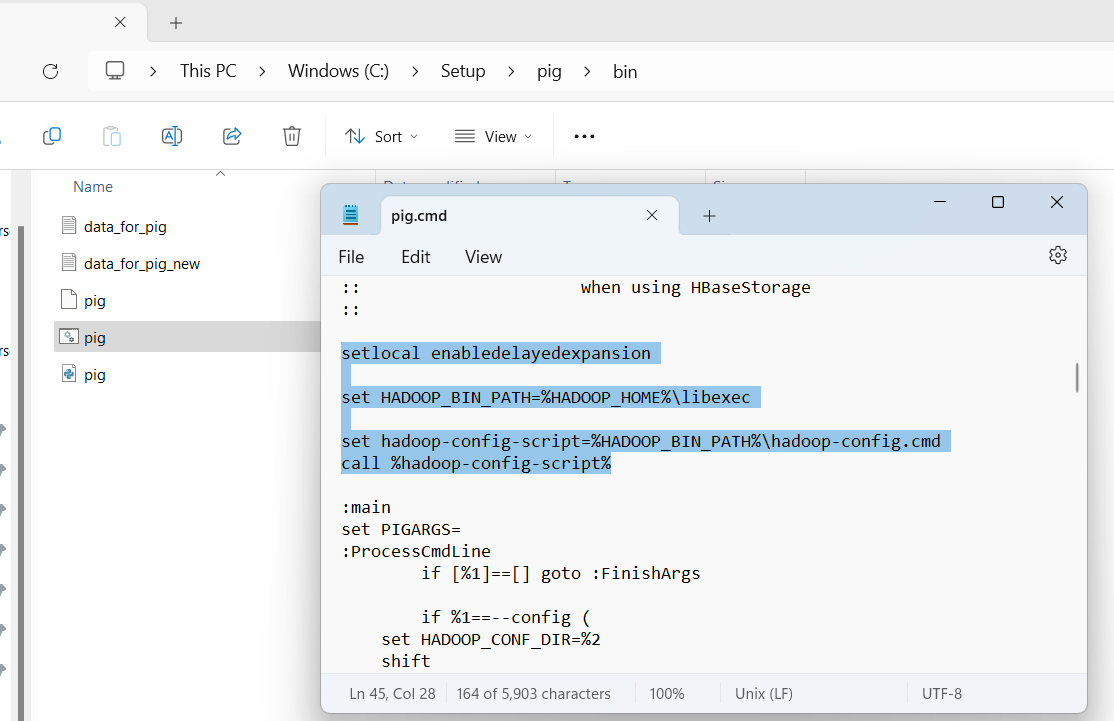


* **Find the line in pig.cmd in \bin folder :**

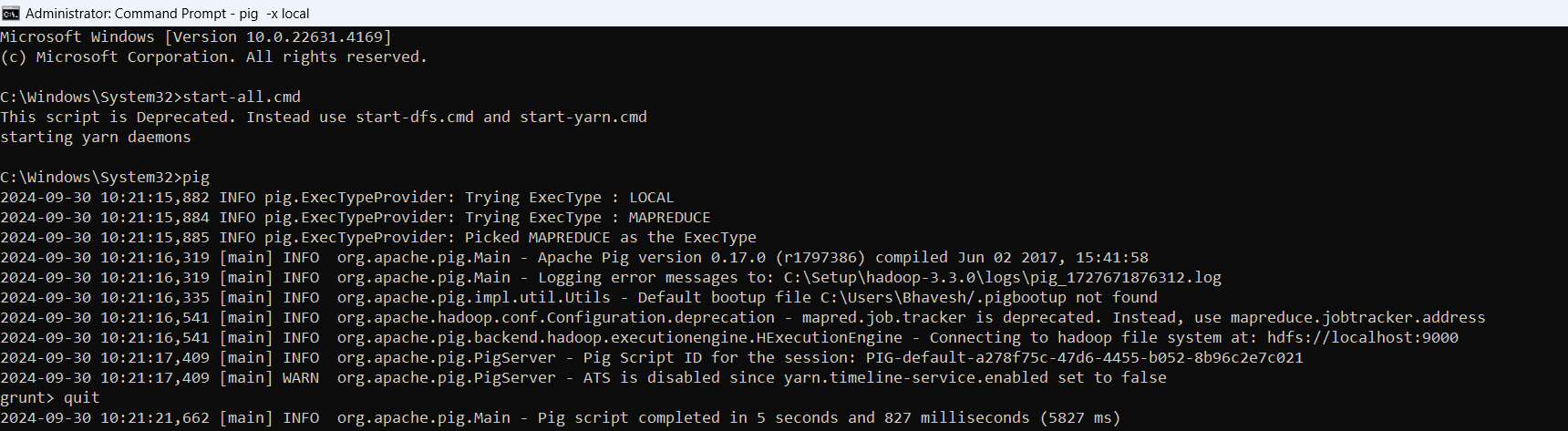
set HADOOP\_BIN\_PATH=%HADOOP\_HOME%\bin

Replace this line by:

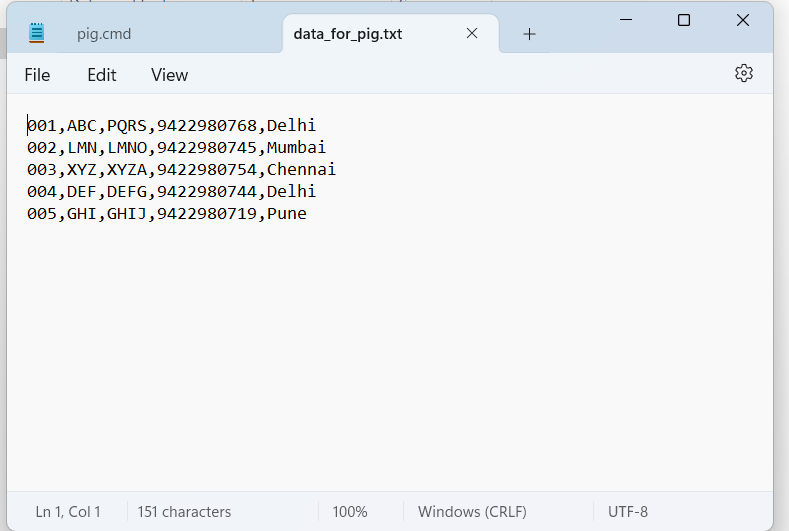
set HADOOP\_BIN\_PATH=%HADOOP\_HOME%\libexec



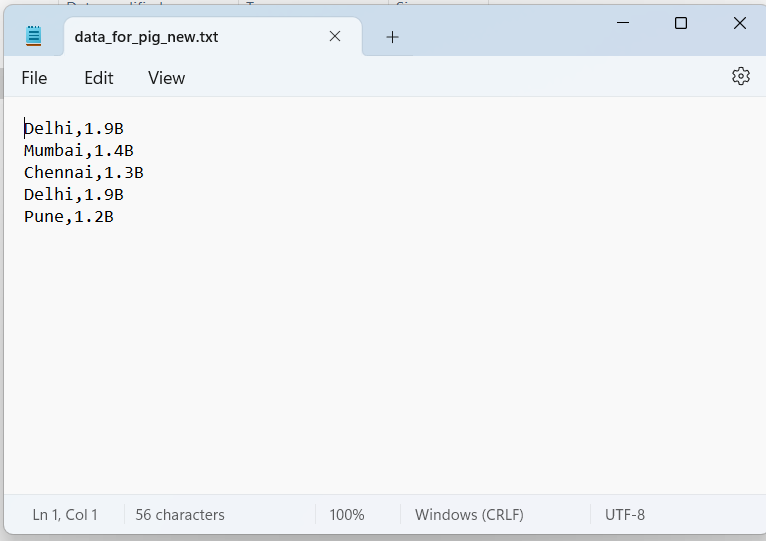
* **Starting All Services and Check pig command on cmd**



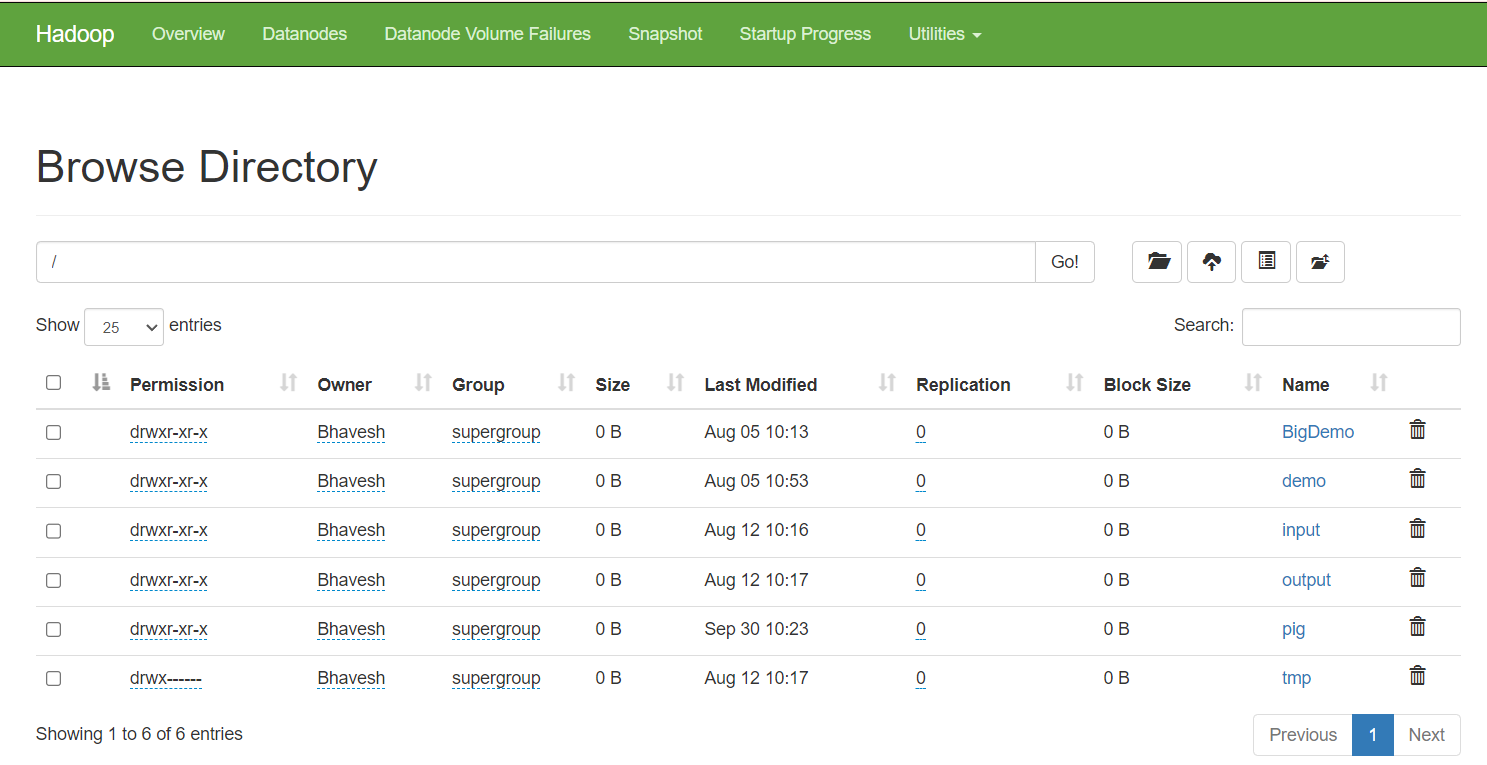
* **Create a file data\_for\_pig.txt with following data:**



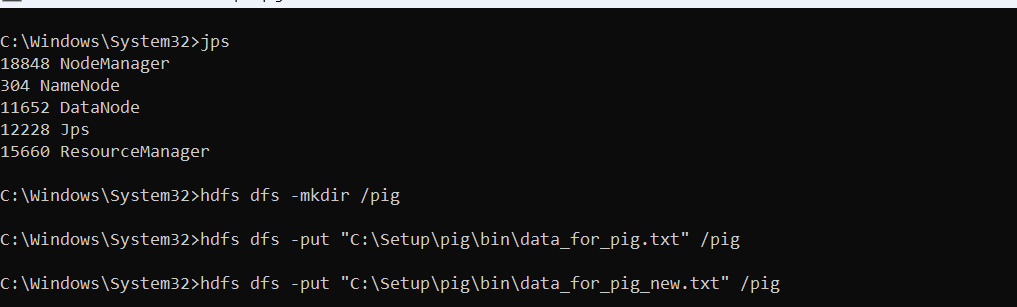
* **Create a file data\_for\_pig\_new.txt with following data:**



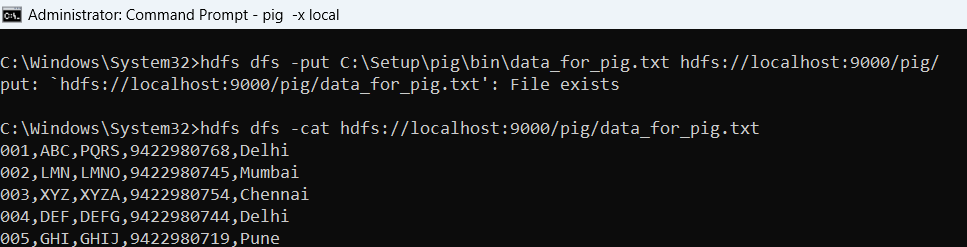
* **Check Directory on Web browser**



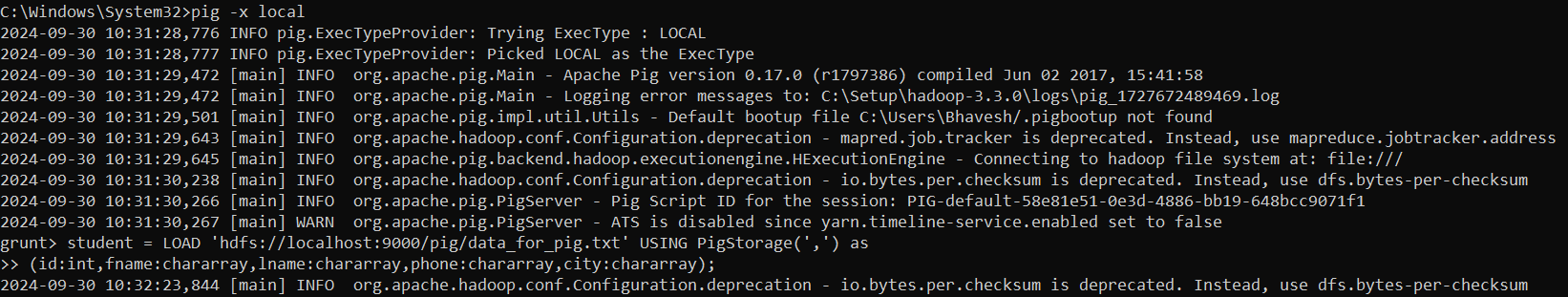
* **Create Pig folder -hdfs dfs -mkdir /pig**
* **Upload data\_for\_pig.txt file on HDFS**
* **Upload data\_for\_pig\_new.txt file on HDFS**



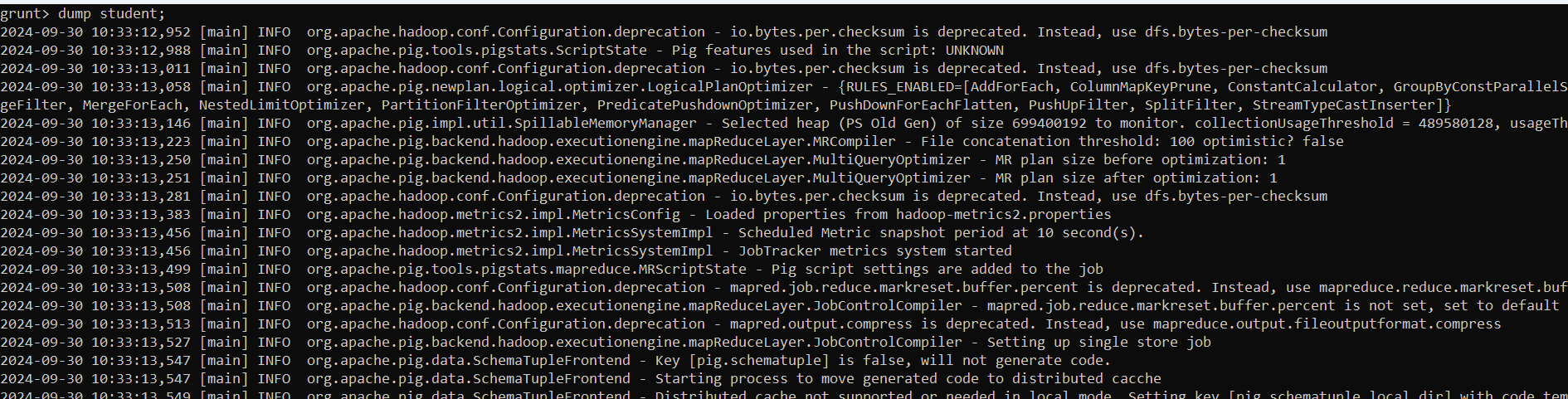
* **Copy data\_for\_pig.txt and data\_for\_pig\_new.txt in the Pig folder**
* **cat data of file**

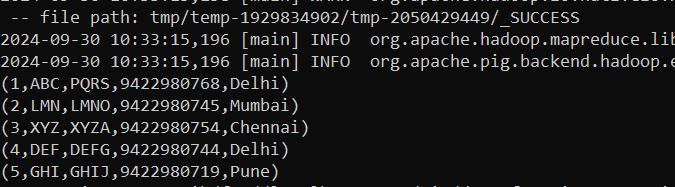


* **Run other database related commands**
* **Invoking the grunt shell:-pig -x local**
* **Create variable student**

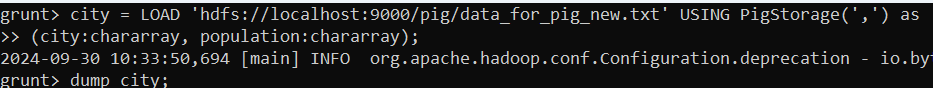


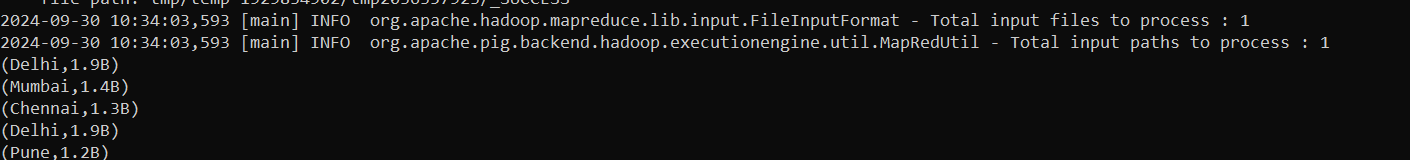
* **Display the student data on the command prompt using command- dump student;**





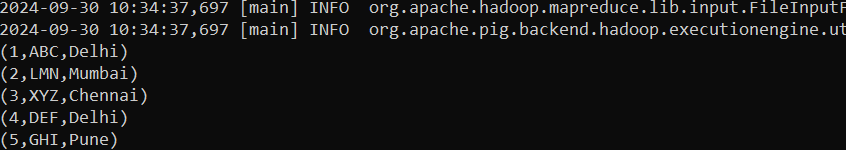
* **Create variable city and display city data**



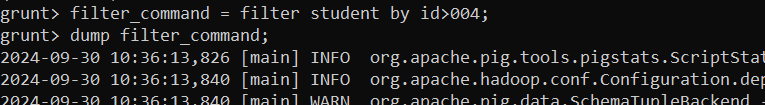


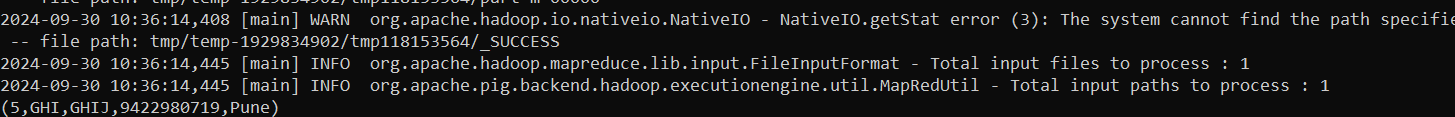
* **Create variable for\_each\_stud1 and display for\_each\_stud1 data**





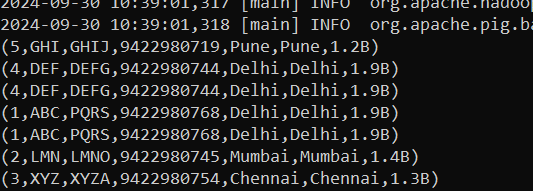
* **Create variable filter\_command and display filter\_command data**



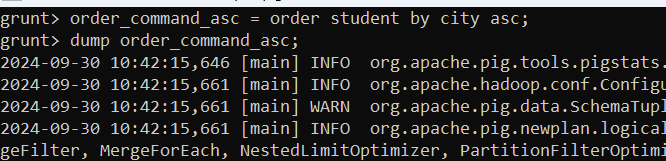


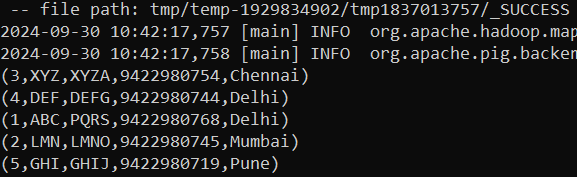
* **Create variable join\_command and display join\_command data**



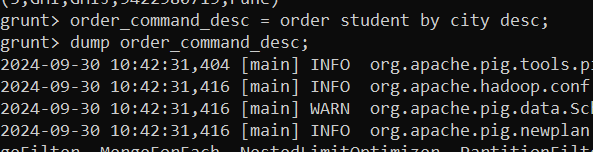


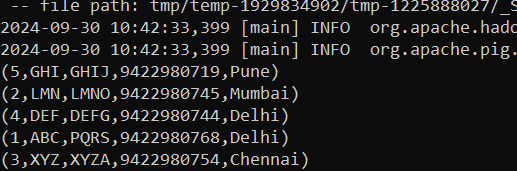
* **Create variable order\_command\_asc and display order\_command\_asc data**



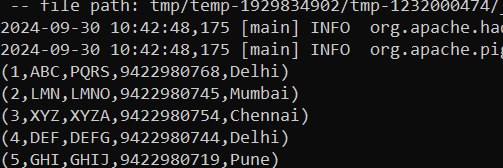


* **Create variable order\_command\_desc and display order\_command\_desc data**



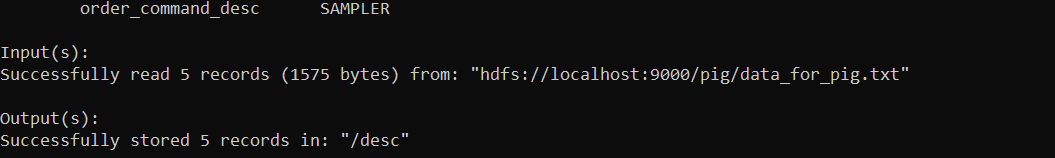


* **Create variable distinct\_command and display distinct\_command data**

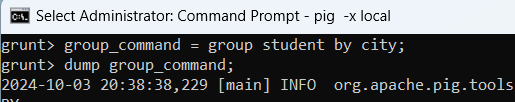


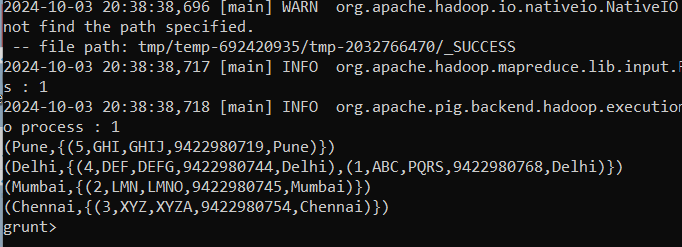
* **Store Order\_command\_desc**



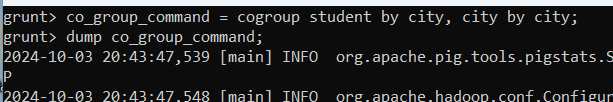


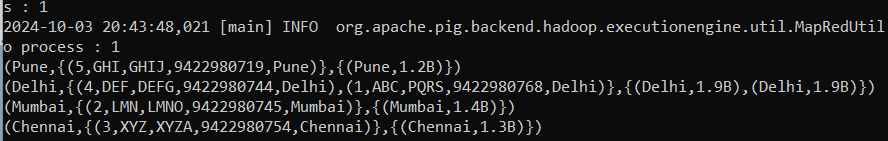
* **Group command (Duplication is city is required)**
* **Create variable group\_command and display group\_command data**

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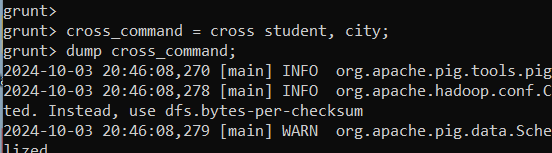
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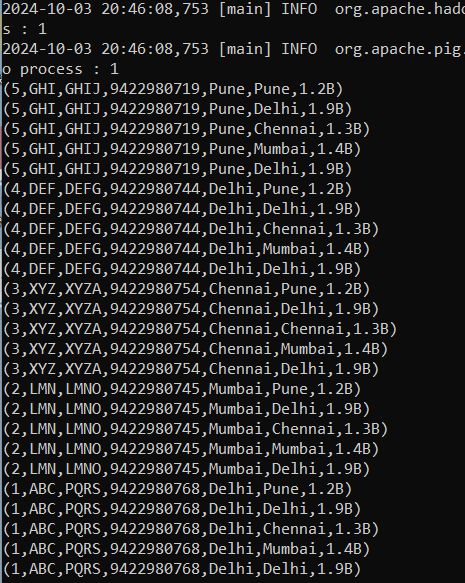
* **Create variable co\_group\_command and display co\_group\_command data**

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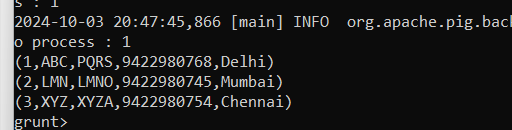
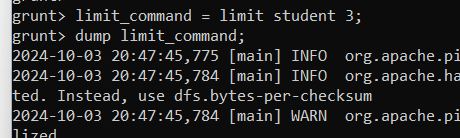
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* **Create variable cross\_command and display cross\_command data**

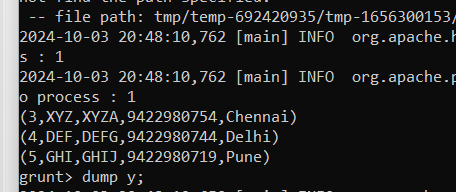
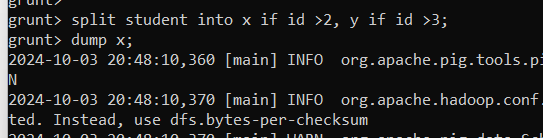
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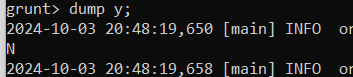
* **Create variable limit\_command and display limit\_command data**

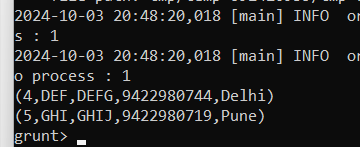
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* **Split the Student variable into x and y**

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* **Display y variable of student**

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