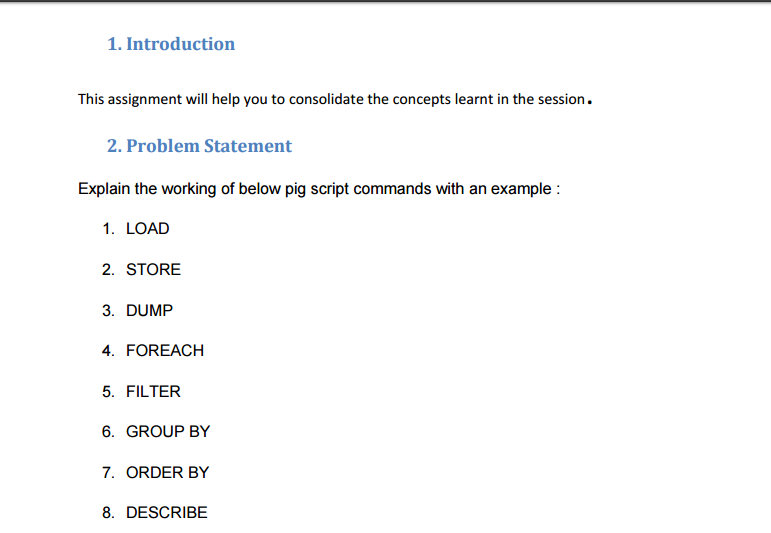
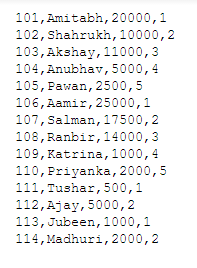
**Assignment 9.2 :**

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**Let say a particular database is there named employee\_details.txt with data:**

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* **LOAD**
* LOAD command is used to load the data from the file system (local/HDFS) into a relation.

Eg.

emp = LOAD 'employee\_details' USING PigStorage(',') AS (emp\_id:int, emp\_name:chararray, emp\_salary:int);

* **STORE**
* STORE command is used to save a relation to the file system (local/HDFS).

Eg.

STORE sorted\_emp\_annual\_salary into 'sorted\_emp\_annual\_salary';

* **DUMP**

To print the contents of a relation on the console we use DUMP command.

Eg.

Dump emp\_salary ;

* **FOREACH**

To generate data transformations based on columns of data we use FOREACH command.

Eg.

emp\_salary = FOREACH emp generate emp\_name, emp\_salary\*12;

* **FILTER**

To remove unwanted rows from a relation FILTER command is used.

Eg.

filtered\_emp\_id = FILTER emp by emp\_id<110;

* **GROUP BY**

Group by command group the data in a single relation.

Eg.

grouped\_emp\_with\_rating = group emp\_with\_rating by emp\_rating;

* **ORDER BY**

Order by command arrange a relation in a sorted order based on one or more fields (ascending or descending).

Eg.

sorted\_emp\_annual\_salary = ORDER emp\_annual\_salary by annual\_salary desc; (arranging in descending order)

* **DESCRIBE**

To describe the schema of a relation we use describe command.

Eg.

describe emp\_salary;