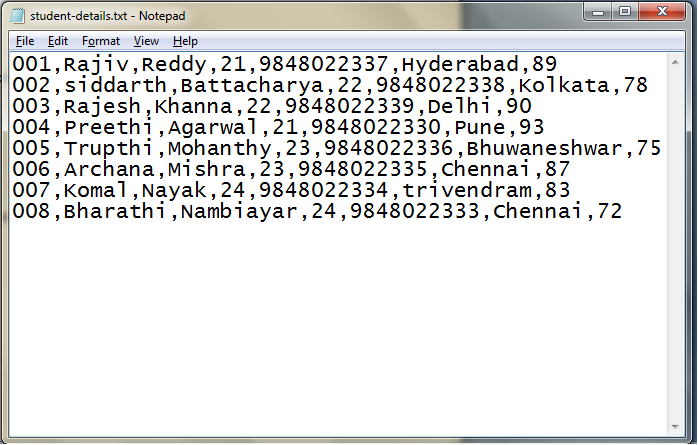
Session 8

# Assignment -2

**Sample dataset (student-details.txt file attached separately as well):**



**Commands:**

1. Concat Function:

grunt> student\_details = LOAD '/pig\_data/student-details.txt' USING PigStorage(',') as (id:int, firstname:chararray, lastname:chararray, age:int, phone:chararray, city:chararray, gpa:int);

grunt> student\_name\_concat = foreach student\_details Generate CONCAT (firstname, lastname);

grunt> Dump student\_name\_concat;

1. LIMIT Function:

Grunt> Dump student\_details LIMIT 4;

1. SUM Function:

Here I am doing SUM of all gpa of each student.

Grunt> student\_group = GROUP student\_details ALL;

Grunt> student\_sum\_gpa = FOREACH student\_group GENERATE group, SUM(student\_details.gpa);

Grunt> Dump student\_sum\_gpa;

1. MIN Function:

Here I am retrieving who got minimum gpa among all student.

Grunt> student\_min = FOREACH student\_group GENERATE MIN(student\_details.gpa);

Grunt> Dump student\_min;

1. MAX Function:

Here I am retrieving who got maximum gpa among all student.

Grunt> student\_max = FOREACH student\_group GENERATE MAX(student\_details.gpa);

Grunt> Dump stundent\_max;