Assignemnt 7.6

Query1:

DEFINE myfilter(relvar,colvar) returns x{

$x = filter $relvar by $colvar > 45;

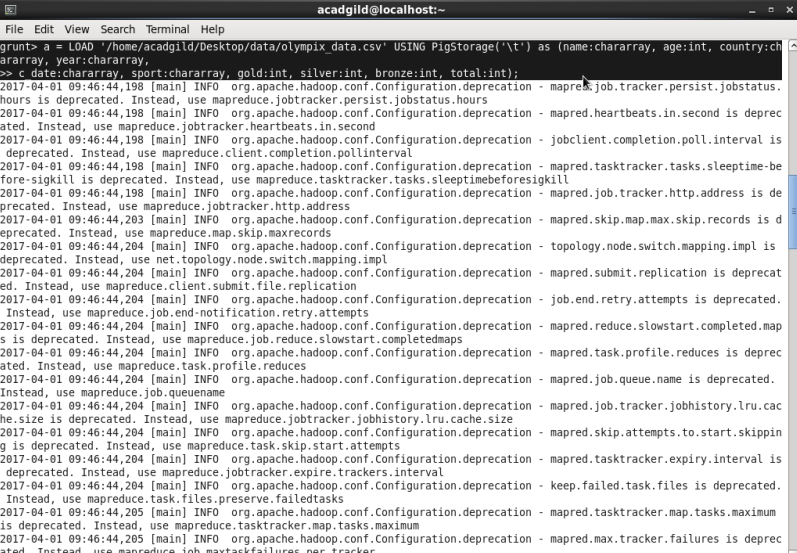
};

a = LOAD '/home/acadgild/Desktop/data/olympix\_data.csv' USING PigStorage(',') as (name:chararray, age:int, country:chararray, year:chararray,

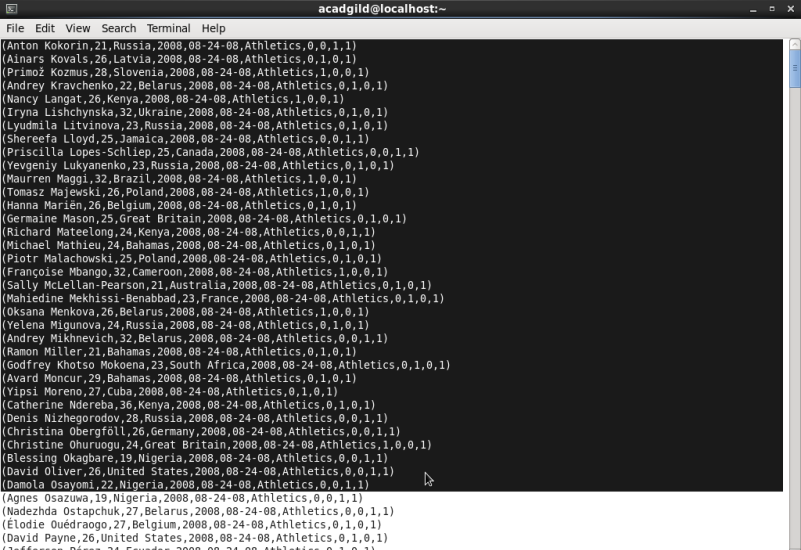
c\_date:chararray, sport:chararray, gold:int, silver:int, bronze:int, total:int);

x1 = myfilter(a,age);

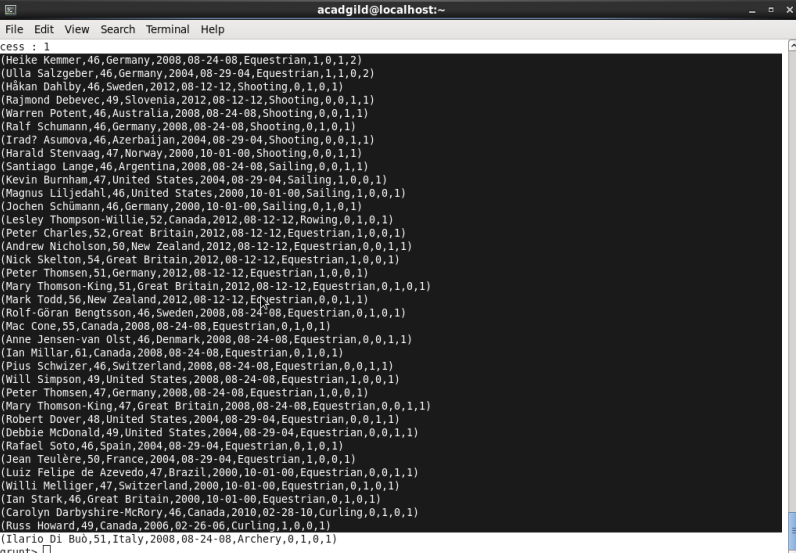
dump x1;



Load output:



Query1 output:



Query2:

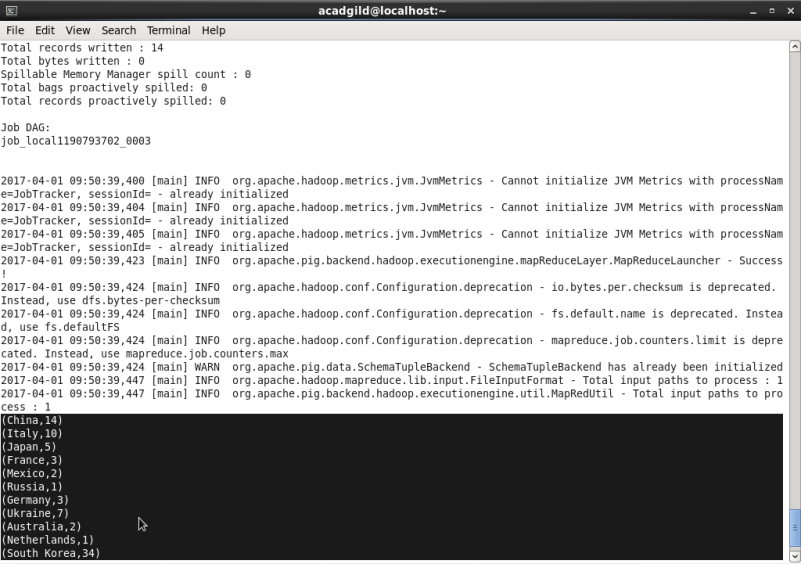
a\_filter1 = FILTER a by sport =='Archery';

athletes\_grp\_country = GROUP a\_filter1 by country;

medal\_sum = FOREACH athletes\_grp\_country GENERATE group AS country, SUM(a\_filter1.total) as medal\_count;

DUMP medal\_sum;

Query 2 outout:



Query 3:

a\_filter = FILTER a by country == 'India';

grp = GROUP a\_filter by year;

total\_medals = FOREACH grp GENERATE group AS year, SUM(a\_filter.total) as total\_medal;

dump total\_medals;

Query3 output:

