**1.Find the number of students who scored less than 5(50%).**

s\_data = load '/home/acadgild/pig/s\_dataset.csv' using org.apache.pig.piggybank.storage.CSVExcelStorage(',','NO\_MULTILINE','UNIX','SKIP\_INPUT\_HEADER') as (name:chararray,col:chararray,dob:chararray,stream:chararray,grade:float,state:chararray,city:chararray);

B = filter s\_data by grade<5;

C = group B all;

D = foreach C generate COUNT(B);

OUTPUT:

(188)

**2. List the name of students who are from Alaska.**

B = filter s\_data by (state=='alaska');

C = foreach B generate name,state;

dump C;

OUTPUT:

(BELL,alaska)

(DAVIS,alaska)

(LOGAN,alaska)

(YOUNG,alaska)

(COWEN,alaska)

(DISHONG,alaska)

(GIBSON,alaska)

(IMMILE,alaska)

(KEYSER,alaska)

(POLK,alaska)

(ROBTS&CMRN,alaska)

(STEPHENS,alaska)

(WEIRS,alaska)

(JACOB,alaska)

(BARBARA,alaska)

(GEORGE,alaska)

(SARAH,alaska)

(WILLIAM,alaska)

(JOHN,alaska)

(JOHN,alaska)

(STILLWEL,alaska)

(Albright,alaska)

(Bowman,alaska)

(Brunner,alaska)

(Carson,alaska)

(Diller,alaska)

(Denyes,alaska)

(Ellmaker,alaska)

(Fisher,alaska)

(Gumpf,alaska)

(Hartman,alaska)

(Halbach,alaska)

(Huber,alaska)

(Houser,alaska)

(Jordan,alaska)

(Keubler,alaska)

(Kendig,alaska)

(Long,alaska)

(McGinnis,alaska)

(Miller,alaska)

(Nourse,alaska)

(Quinn,alaska)

(Rotharmel,alaska)

(Sherer,alaska)

(Sherwood,alaska)

(Voight,alaska)

(Waters,alaska)

(Wiley,alaska)

(Zahm,alaska)

(Matthew,alaska)

(Peter,alaska)

(Christian,alaska)

(George,alaska)

(Alexander,alaska)

(Frederick,alaska)

(Michael,alaska)

(Richard,alaska)

(Jacob,alaska)

(Joseph,alaska)

(John W,alaska)

(Michael O,alaska)

(Daniel,alaska)

(William,alaska)

(William,alaska)

(Joseph,alaska)

(Henry,alaska)

(Samuel,alaska)

(John,alaska)

**3. How many government collages are there in Alabama?**

B = filter s\_data by (state=='alabama') AND (col=='goverenment') ;

C = group B all;

D = foreach C generate COUNT(B);

OUTPUT:

(2198)

**4. List the name of students who are from Oregon and persuing BE.**

B = filter s\_data by ($5 =='oregon') AND ($3=='BE');

C = foreach B generate name;

dump C;

(BLOOM)

(PATTERSON)

(WAGGONER)

(IMMILE)

(SHOCK)

(WHITE)

(JOHN)

(RICHARD)

(JACOB)

(Albright)

(Buckius)

(Bowman)

(Cordes)

(Danner)

(Donas)

(Ehrisman)

(Frick)

(Grimler)

(Heinitsh)

(Himmelsbach)

(Hubley)

(Kitch)

(Lambert)

(McNair)

(Naumann)

(Royal)

(Shindle)

(Wayne)

(Reformed)

(P.K.)

(Charles H)

(Jacob)

(Daniel)

(George)

(John)

(Peter)

(George B)

(Philip)

(Dennis)

(George)

(Edwin)

(Frederick)