1)top 5 categories with maximum no of uploads

**CODE**

a = load '/home/cloudera/Desktop/Assignment/you tube/youtubedata.txt' as (videoid,uploader:chararray,interval:int,category:chararray,length:int,views:int,

rating:float,nrating:int,ncomment:int,relatedid);

b = group a by category;

c = foreach b GENERATE group,COUNT(a.category);

d=order c by $1;

e = limit d 5;

**OUTPUT**

**Category ,No of uploads**

Entertainment,908)

(Music,862)

(Comedy,414)

(People & Blogs,398)

(News & Politics,333

2)top 10 rated videos

**CODE**

a = load '/home/cloudera/Desktop/Assignment/you tube/youtubedata.txt' as (videoid,uploader:chararray,interval:int,category:chararray,length:int,views:int,

rating:float,nrating:int,ncomment:int,relatedid);

b = filter a by (rating is not null) or (nrating is not null);

c = foreach b GENERATE videoid,rating,nrating;

d = order c by rating desc;

e =LIMIT d 10;

**OUTPUT**

**videoid rating no of rating**

xXcRLn0UwBo 5.0 5

C4wZf9Y66rM 5.0 4

L8GdUCqhqiU 5.0 3

Kakr-tPUfNo 5.0 1

O4GzZxcKmFU 5.0 2

dUD9aE6BfrE 5.0 2

yfxZa6P2DDk 5.0 2

YZev1imoxX8 5.0 3

dh6dF1XY3uI 5.0 1

gP0jnBrVEpI 5.0 1

3)Top viewed videos

**CODE**

a = load '/home/cloudera/Desktop/Assignment/you tube/youtubedata.txt' as (videoid,uploader:chararray,interval:int,category:chararray,length:int,views:int,

rating:float,nrating:int,ncomment:int,relatedid);

b = group a by all;

c = FOREACH b GENERATE group,MAX(a.views);

**OUTPUT**

**maximum viewed**

65341925

a = load '/home/cloudera/Desktop/Assignment/you tube/youtubedata.txt' as (videoid,uploader:chararray,interval:int,category:chararray,length:int,views:int,

rating:float,nrating:int,ncomment:int,relatedid);

b = group a by videoid;

c = FOREACH b GENERATE group,MAX(a.views);

**OUTPUT**

**videoid maximum views**

F6J2e6YiUQ 942

1GKaVzNDbuI 2464486

1H0l40gcVmE 27132

1H9drPDG68k 80

1HRJ3XmDbU4 212

1I-0a64Hu\_8 49119

1IaiGBl9iTM 6639

1J4PKztKHCY 826

1JAcdbKFygg 620446

1LxOL9m254k 247

...all max views for each videoid