

1. NASA Web hit count

```
data = load 'nasa.log';  
  
b = foreach data generate FLATTEN(STRSPLIT($0,':',2));  
  
c = foreach b generate $0;  
  
d = foreach data generate SUBSTRING($0, LAST_INDEX_OF($0,['')+1, LAST_INDEX_OF($0,['')+12) as day;  
  
Groups = GROUP d BY day;  
  
Counts = FOREACH Groups GENERATE group, COUNT(d);  
  
dump Counts;
```

2. Word Count

```
Lines=LOAD 'input/inputfile.txt' AS (line: chararray);  
  
Words = FOREACH Lines GENERATE FLATTEN(TOKENIZE(line)) AS word;  
  
Groups = GROUP Words BY word;  
  
Counts = FOREACH Groups GENERATE group, COUNT(Words);  
  
Top5 = LIMIT Results 5;  
  
STORE Top5 INTO '/output/outputfile.txt';
```