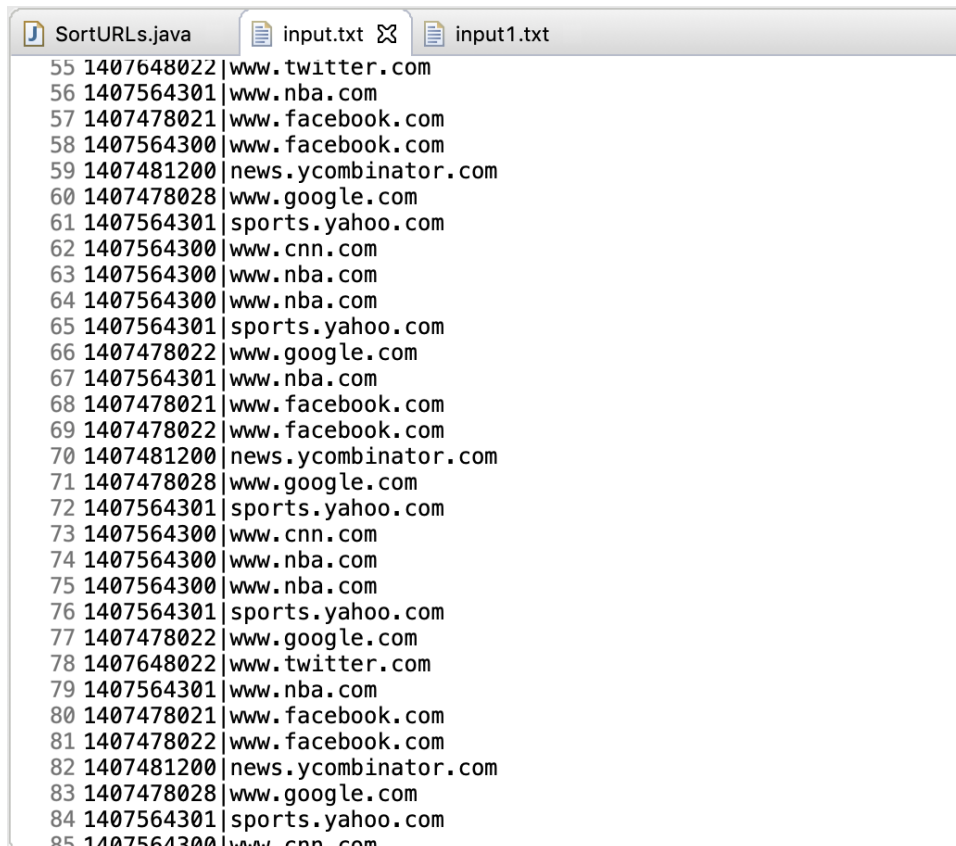


Demo Nyansa

We take 2 input files, to test the condition-

“You may also assume that number of unique URLs can fit in memory, but not necessarily the entire file.”

Input.txt and input1.txt



```
SortURLs.java input.txt input1.txt
55 1407648022|www.twitter.com
56 1407564301|www.nba.com
57 1407478021|www.facebook.com
58 1407564300|www.facebook.com
59 1407481200|news.ycombinator.com
60 1407478028|www.google.com
61 1407564301|sports.yahoo.com
62 1407564300|www.cnn.com
63 1407564300|www.nba.com
64 1407564300|www.nba.com
65 1407564301|sports.yahoo.com
66 1407478022|www.google.com
67 1407564301|www.nba.com
68 1407478021|www.facebook.com
69 1407478022|www.facebook.com
70 1407481200|news.ycombinator.com
71 1407478028|www.google.com
72 1407564301|sports.yahoo.com
73 1407564300|www.cnn.com
74 1407564300|www.nba.com
75 1407564300|www.nba.com
76 1407564301|sports.yahoo.com
77 1407478022|www.google.com
78 1407648022|www.twitter.com
79 1407564301|www.nba.com
80 1407478021|www.facebook.com
81 1407478022|www.facebook.com
82 1407481200|news.ycombinator.com
83 1407478028|www.google.com
84 1407564301|sports.yahoo.com
85 1407564300|www.cnn.com
```

```
SortURLs.java  input.txt  input1.txt
1 1407564300|www.cnn.com
2 1407564300|www.nba.com
3 1407564300|www.nba.com
4 1407564301|sports.yahoo.com
5 1407478022|www.google.com
6 1407648022|www.twitter.com
7 1407564301|www.nba.com
8 1407478021|www.facebook.com
9 1407478022|www.facebook.com
10 1407481200|news.ycombinator.com
11 1407478028|www.google.com
12 1407564301|sports.yahoo.com
13 1407564300|www.cnn.com
14 1407564300|www.nba.com
15 1407564300|www.nba.com
16 1407564301|sports.yahoo.com
17 1407478022|www.google.com
18 1407648022|www.twitter.com
19 1407564301|www.nba.com
20 1407478021|www.facebook.com
21 1407478022|www.facebook.com
22 1407481200|news.ycombinator.com
23 1407478028|www.google.com
24 1407564301|sports.yahoo.com
25 1407564300|www.cnn.com
26 1407564300|www.nba.com
27 1407564300|www.nba.com
28 1407564301|sports.yahoo.com
29 1407478022|www.google.com
```

And we get the following output-

```
Console
<terminated> SortURLs (1) [Java Application] /Library/Java/JavaVirtualMachines
08-08-2014
www.google.com 24
www.facebook.com 22
news.ycombinator.com 12
08-09-2014
www.nba.com 55
sports.yahoo.com 24
www.cnn.com 12
www.facebook.com 2
www.twitter.com 1
08-10-2014
www.twitter.com 8
```

The output can be explained as-

08-08-2014 is the date. All the dates are printed in ascending order

Then the following lines have the corresponding urls of that date-

The urls are printed in the descending number of hits, that url received on that day.