



☆ Large Responses



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Consider a text file (i.e., a file with a .txt extension) where each line contains a single log record with the following columns (in order):

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- 1. The *hostname* of the *host* making the request.
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- 2. This column's values are missing and described by a hyphen (i.e., -).

 3. This column's values are missing and described by a hyphen (i.e., -).

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4. A timestamp enclosed in square brackets following the format [DD/mmm/YYYY:HH:MM:SS -0400], where DD is the day of the month, mmm is the name of the month, YYYY is the year, HH:MM:SS is the time in 24-hour format, and

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5. The *request*, enclosed in quotes (e.g., "GET /images/NASA-logosmall.gif HTTP/1.0").

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6. The *HTTP* response code.

-0400 is the time zone.

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7. The total number of bytes sent in their response.

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► Example

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Given a string, *filename*, denoting the name of a real text file that has a .txt extension (e.g., *filename*.txt), create a file named bytes_*filename*.txt (where *filename* is the file name string) to store information about large responses. The created file must contain two lines:

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1. The first line must contain the number of requests that have more than 5000 bytes sent in their response.

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2. The second line must contain the total sum of bytes sent by all responses sending more than 5000 bytes.

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Input Format

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The given code in the editor reads the string denoting *filename* from STDIN.

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Constraints

Output Format

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• It is guaranteed that the total number of bytes sent by all large responses does not exceed 10^{12} .

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• The log file contains no more than 2×10^5 records.

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Create a file named bytes_filename.txt (where filename is the file name string) to store information about large responses. The created file must contain two lines:

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more than 5000 bytes.

Sample Input

```
hosts_access_log_00
```

Sample Output

Given filename = "hosts_access_log_00", we process the records in hosts_access_log_00.txt and create an output file named bytes hosts access log 00.txt containing the following rows:

```
2
80620
```

Explanation

The log file hosts_access_log_00.txt contains the following log records:

```
unicomp6.unicomp.net - - [01/Jul/1995:00:00:06 -0400] "GET
/shuttle/countdown/ HTTP/1.0" 200 3985
burger.letters.com - - [01/Jul/1995:00:00:11 -0400] "GET
/shuttle/countdown/liftoff.html HTTP/1.0" 304 0
burger.letters.com - - [01/Jul/1995:00:00:12 -0400] "GET /images/NASA-
logosmall.gif HTTP/1.0" 304 0
burger.letters.com - - [01/Jul/1995:00:00:12 -0400] "GET
/shuttle/countdown/video/livevideo.gif HTTP/1.0" 200 0
d104.aa.net - - [01/Jul/1995:00:00:13 -0400] "GET /shuttle/countdown/
HTTP/1.0" 200 3985
unicomp6.unicomp.net - - [01/Jul/1995:00:00:14 -0400] "GET
/shuttle/countdown/count.gif HTTP/1.0" 200 40310
unicomp6.unicomp.net - - [01/Jul/1995:00:00:14 -0400] "GET /images/NASA-
logosmall.gif HTTP/1.0" 200 786
unicomp6.unicomp.net - - [01/Jul/1995:00:00:14 -0400] "GET /images/KSC-
logosmall.gif HTTP/1.0" 200 1204
d104.aa.net - - [01/Jul/1995:00:00:15 -0400] "GET
/shuttle/countdown/count.gif HTTP/1.0" 200 40310
d104.aa.net - - [01/Jul/1995:00:00:15 -0400] "GET /images/NASA-
logosmall.gif HTTP/1.0" 200 786
```

When we review the data above, we find the following large responses:

1. The sixth log record sent a large response:

Hostname Timestamp Request HTTP Response Code	Bytes	
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① 01h : 09m : 10s to test end

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:=	-0400]	ntdown	
		/count	
3		.gif HTTP/1	
		HTTP/1	
5		.0"	

Observe that 40310 > 5000.

2. The ninth log record sent a large response:

Hostname	-	-	Timestamp	Request	HTTP Response Code	Bytes
d104.aa. net	-	-	[01/Jul/1 995:00:00 :15 -0400]	"GET /shutt le/cou ntdown /count .gif HTTP/1 .0"	200	4031 0

Observe that 40310 > 5000.

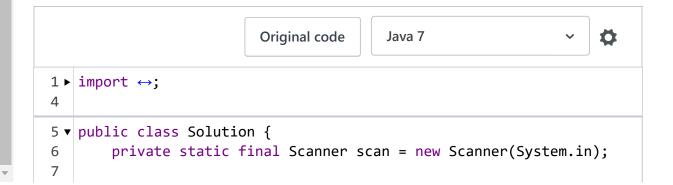
Because there are a total of two records that sent a total of 40310 + 40310 = 80620 bytes in their collective responses, the first line of our output file is 2 and the second line of our output file is 80620.

We recommend you take a quick tour of our editor before you proceed.

The timer will pause up to 90 seconds for the tour.

Start tour

For help on how to read input and write output in 'Java 7', click here.





① 01h:09m:10s to test end

	12 . TITERIANNE = SCANTINE	
?	13 } 14 }	
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6		
7	15 16	
8		Line: 12 Col: 1
9		Run Code Submit code & Continue
10	Test against custom input	(You can submit any number of times)
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12	L Download sample test cases The in Notepad to edit them on windows. The in Notepad to edit them on windows.	nput/output files have Unix line endings. Do not use
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