

# Task 1

Read a stream of Strings, fetch the words which can be converted to numbers. Filter out the rows, where the sum of numbers in that line is odd.

Provide the sum of all the remaining numbers in that batch.

Input

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
You have new mail in /var/spool/mail/acadgild  
[acadgild@localhost ~]$ nc -lk 9999  
task1111  
task1122  
task1112  
task2112  
task2221  
task3233  
task4242  
task4342
```

```
Even_Number_Line x
18/08/21 00:07:38 INFO BlockManagerMaster: Registered BlockManager
Spark Context Created
Spark Streaming Context Created
Lines with even sum:
Sum of the numbers in even lines:
-----
Time: 1534790280000 ms
-----

18/08/21 00:08:12 WARN BlockManager: Block input-0-1534790291800 replicated to only 0 peer(s) instead of 1 peers
Time: 1534790280000 ms
-----
Time: 1534790300000 ms
-----
task1111
task1122
task2112
task4242
-----
Time: 1534790300000 ms
-----
28.0
-----
Time: 1534790320000 ms
-----
Time: 1534790320000 ms
-----
Time: 1534790340000 ms
-----
```

# Task 2

Read two streams

1. List of strings input by user
2. Real-time set of offensive words

Find the word count of the offensive words inputted by the user as per the real-time set of offensive words

## Input

```
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ nc -lk 9999
he is a fool
what nonsense is this
this is a bad habit
you are an idiot
█
.
.
.
```



The screenshot shows a terminal window with a sidebar on the left containing icons for file management, network, and system. The main area displays the following text:

```
-----
Time: 1534790700000 ms
-----
18/08/21 00:15:12 WARN BlockManager: Block input-0-1534790712400 replicated to only 0 peer(s) instead of 1 peers
18/08/21 00:15:17 WARN BlockManager: Block input-0-1534790717600 replicated to only 0 peer(s) instead of 1 peers
-----
Time: 1534790720000 ms
-----
(fool,1)
(nonsense,1)

18/08/21 00:15:32 WARN BlockManager: Block input-0-1534790732400 replicated to only 0 peer(s) instead of 1 peers
-----
Time: 1534790740000 ms
-----
(bad,1)

18/08/21 00:15:43 WARN BlockManager: Block input-0-1534790742800 replicated to only 0 peer(s) instead of 1 peers
-----
Time: 1534790760000 ms
-----
(idiot,1)
```