

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.

Inputs:

```
[acadgild@localhost ~]$ nc -lk 9999
Test123
Test432
Test754
Test324
```

Output:

```
-----
Time: 1528795485000 ms
-----
Test123
Test754

-----
Time: 1528795485000 ms
-----
22.0

-----
Time: 1528795500000 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:

```
Preethi is a lazy gal. This bad habit has caused obesity in her and causes bad health
```

Output:

```
<terminated> Assignment26part2$ [Scala Application] /us
18/06/12 16:00:24 WARN BlockManager: Block input
-----
Time: 1528799430000 ms
|-----
(lazy,1)
(obesity,1)
(bad,2)
-----
Time: 1528799445000 ms
```