

17. Write a java program to do the following

a) Read a file as input and

b) Print the following

The **Line Number** and the **number of WORDS** in **EACH LINE** if the line **contains ONLY ODD Number of words** (Assume that each word in the file is separated by Space)

18. Write a java program to do the following

- a) Read a sentence as input and **Reverse characters** of the word **if the word in the input starts with a VOWEL**

(e.g) "Ostrich is a Big Bird" reverses to "hcirtsO si a"

This is just an example. Do not use the same sentence. Read the sentence as input.

- b) To print the **frequency (number of times)** of **integers** in an **int array**. Assume that the array is an array of **Integers**. Number of elements in the array is N and is a variable.

```
int[] numbers = { 1, 2, 2, 3, 3, 3, 6, 7}
```

must print 1-> 1 time, 2 -> 2 times, 3 -> 3 times, 6 -> 1 time, 7-> 1 time

**Do not hardcode or assume N as 8**