Numerology number

**Grade settings**: Maximum grade: 100  
**Disable external file upload, paste and drop external content**: Yes  
**Run**: Yes **Evaluate**: Yes  
**Automatic grade**: Yes **Maximum execution time**: 32 s

Harry is very much interested in learning numerology with a programming Language. Help Harry to implement this task.

Write a java program to find the sum of the digits and the numerology number(Multi-digit numbers are added and reduced to a single digit), followed by the total number of odd numbers and the total number of even numbers. Assume input is greater than zero and less than 10000000.

For example, if the given number is 7654 then,

Sum of digits: 22 (7+6+5+4)

Numerology number: 4 ((7+6+5+4 =22 => 2+2) sum of digits is again added and reduced to a single digit).

Number of odd numbers: 2

Number of even numbers: 2

**Note:**

In the Sample Input / Output provided, the highlighted text in bold corresponds to the input given by the user and the remaining text represents the output.

Adhere to the code template, if provided.

**Sample input:**

Enter the number

**86347**

**Sample output:**

Sum of digits

28

Numerology number

1

Number of odd numbers

2

Number of even numbers

3

**Explanation:** Sum of digits=28,Numerology number: 28=>2+8=10=>1+0=1. Here, 1 is the Numerology number.