Problem: Repeated String

Lilah has a string, , of lowercase English letters that she repeated infinitely many times.

Given an integer, , find and print the number of letter a's in the first  letters of Lilah's infinite string.

**Input Format**

The first line contains a single string, .   
The second line contains an integer, .

**Constraints**

* For  of the test cases, .

**Output Format**

Print a single integer denoting the number of letter a's in the first  letters of the infinite string created by repeating  infinitely many times.

**Sample Input 0**

aba

10

**Sample Output 0**

7

**Explanation 0**   
The first  letters of the infinite string are abaabaabaa. Because there are  a's, we print  on a new line.

**Sample Input 1**

a

1000000000000

**Sample Output 1**

1000000000000

**Explanation 1**   
Because all of the first  letters of the infinite string are a, we print  on a new line.

Solution:

long checkOccurance(string s, int length)

{

int occurance=0;

for(int i=0; i<length ; i++)

{ (s[i]=='a' ? occurance+=1 : occurance+=0); }

return occurance;

}

int main() {

/\*Feeding the data\*/

string s;

long number, counter=0; Counter counts the occurrences of character ‘a’

cin>>s >>number;

long length=s.length();

/\*counting occurance in the string\*/

counter=(number/length)\*checkOccurance(s, s.length()) ;

counter+=checkOccurance(s, number%s.length());

cout<<counter;

return 0;

}

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