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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