0 Dumb Multiplication

When I was a kid, I used to multiply numbers in the following manner: $27 \times 33 = 621$.
This calculation is done by concatanating the product of each digits.($2 \times 3 = 6$ & $7 \times 3 = 21$).
Given a 2-digit integer N and K, print the result of dumb multiplying N and K.

CONDITION: $10 \leq N, K \leq 99$
EXAMPLE:

```
27 33

621
```

1 Sigma Calculator

Given N and K, calculate the following:

$$\sum_{i=N}^{K} i$$

Please refrain from doing something like:

```
print(K*(K-1)/2 - (N-1)*(N-2)/2)
```

although this is a faster and better solution.

CONDITION: $N \leq K$
EXAMPLE:

```
2 10

54
```

2 Numbers Numbers Numbers

Given 3 integers, print their median and mean. When printing the mean, print up to the 2^{nd} decimal digit. We can do it via format printing. Here's how

EXAMPLE:

```
3 3 3

3 3.00
```

```
1 2 17

2 6.66
```

3 369

For positive interger n, if n is a multiple of 3 ($e.g.$ $3, 6, 9...$) or contains 3 ($e.g.$ 13, 23...), print *CLAP*.
Else, print *SAFE*.

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hint:

```
# % is the modulus operator
print(17 % 2) # == 1
print(20 % 2) # == 0
```

EXAMPLE:

```
31
CLAP
```

```
5
SAFE
```

4 Anagrams

Given 2 strings, print *True* if they are anagrams of each other, and print *False* otherwise.
Note: We should ignore whitespaces, and capitalization does not matter.

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hint:

```
s = "abc def"
# creates a new string where whitespace(' ') is replaced by an empty string('')
# strings are immutable, so .replace() creates a new string
a = s.replace(' ', '')
print(a)
```

EXAMPLE:

```
Dormitory
Dirty Room

True
```

```
Eleven plus two
Twelve plus one

True
```

```
Soju
Gobchang

False
```

5 YootNori

YootNori's result is determined by the number of *Bae*s(represented as 0) and *Deung*s(represented as 1) of four yoots:
Do (1 Bae, 3 $Deung$s), Gae (2 Baes, 2 $Deung$s), Gul (3 Baes, 1 $Deung$), $Yoot$ (4 Baes), Moe(4 $Deungs$).
From the given combination of Baes and $Deung$s, determine the result.

EXAMPLE:

```
0
0
0
0

Yoot
```

```
0
1
1
0

Gae
```