



STUDENT REPORT

DETAILS

Name

MOHAMMED TOUSIFF SHARIF

Roll Number

KUB23ECE024

EXPERIMENT

Title

ENCODE THE NUMBER

Description

You work in the message encoding department of a national security agency. Every message that is sent from or received in your office is encoded. You have an integer N, and each digit of N is squared and the squares are concatenated together to encode the original number. Your task is to find and return an integer value representing the encoded value of the number.

input1: An integer value N representing the number to be encoded.

Output :

Return an integer value representing the encoded value of the number.

Sample Input:

167

Sample Output:

13649

Source Code:

```
s=input().strip()
n=int(input())
sm=0
end=len(s)
for i in range(len(s)):
    sm+=ord(s[i])
    if sm>n:
        end=i
        break
res=s[:end] if sm>n
else (s)
print(res)
```

RESULT

KUB

CE024

B23E

24 KU
CE02

ECE0
B23E

UB23
24 KU

024 KU
B23E