STUDENT REPORT

DETAILS

Name

KC Shreya

Roll Number

3BR23EE038

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:

```
n=input()
sq=0
enc=''
for char in n:
    sq=int(char)**2
    enc+=str(sq)
print(enc)
```

RESULT

5 / 5 Test Cases Passed | 100 %