



# STUDENT REPORT

## DETAILS

Name

BOYA KUSHAL

Roll Number

TEMPBTech-ECE020

## 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 = int(input())
ipN = str(N)
opN = ""
for i in ipN:
    opN+=str(int(i)*int(i))
print(opN)
```

## RESULT

5 / 5 Test Cases Passed | 100 %