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ENCODE THE NUMBER ALEAN TO TH	*
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: Peturn an integer value representing the encoded value of the number.	`
Return an integer value representing the encoded value of the number.	
Sample Input:	
	'n
167 Sample Output:	
Sample Output:	
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def\ encode\_number(N):
              str_N = str(N)
              encoded_string = ''.join(str(int(digit) ** 2) for digit in str_N)
              encoded_value = int(encoded_string)
              return encoded_value
          import sys
          input = sys.stdin.read
          N = int(input().strip())
          result = encode_number(N)
          print(result)
      RESULT
5 / 5 Test Cases Passed | 100 %
```