

An e-Commerce company plans to give thier customers a discount for the newyears holiday. The discount will be calcualted on the basis of the bill amount of the order place. The discount amount is the product of the sum of all odd digits and the sum of all even digits of the customers total bill amount.

Input Format

an integer bill amount, representing the total bill amount of the customer.

Constraints

no

Output Format

print an integer representing the discount amount for the given total bill.

Sample Input 0

2514795

Sample Output 0

162

Sample Input 1

12345

Sample Output 1

54

Sample Input 2

75385

Sample Output 2

160