Find the payment

50 POINTS

An e-commerce website has the following policy:
If the customer's bill is greater than 50,000 then he gets a 100% discount on the delivery charges.
If the customer's bill is greater than 25,000 and he is a prime member he gets a 100% discount on the delivery charges.
If the customer's bill is greater than 25,000 and he is not a prime member he gets a 50% discount on the delivery charges.
If the customer's bill is greater than 10,000 and he is a prime member he gets a 25% discount on the delivery charges.
If the customer's bill is greater than 10,000 and he is not a prime member he gets a 10% discount on delivery charges.
In all other cases he gets no discount on the delivery charges.
Given customer's bill, delivery charges, and prime-membership status find out the amount that customer has to pay at the end.

Input format:
A single line of input containing three integers bill, delivery-charges and prime-membership status.

Output format:
A single line of output containing the customer's final payment as shown in sample test-cases.

Constraints:
$0 \le$ bill, delivery-charges $\le 1,00,000$
prime-membership: 1 if customer is a prime-member; 0 otherwise

Test Case - 1
75000 100 0
75000

Test Case - 2
30000 100 1
30000

Test Case - 3
1000 100 0
1100

Test Case - 4
3000 151 0
30075.7

NOTE:
(i) You might want to format the output (use %g for specifier or its alternatives)

Problem tags:

THE COMPLETE C COURSE   EASY