

Problem F

Slatkisi

Problem ID: slatkisi
CPU Time limit: 1 second
Memory limit: 1024 MB

Source: Croatian Open
Competition in Informatics
2009/2010, contest #3

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Mirko buys a lot of candy in the candy shop. He cannot always pay the exact amount so the shopkeeper and he have an agreement. He tells the shopkeeper the smallest bill he has, and she rounds his amount to the nearest number he can pay. For example, if the smallest bill Mirko has is a hundred bill, and he wants to buy 150 Kunas of candy, the shopkeeper rounds his amount to 200 Kunas. If he wants to buy 149 Kunas of candy, the shopkeeper rounds his amount to 100 Kunas.

Lately, Mirko suspects the shopkeeper is trying to cheat him. He asked you to help him. Write a program that will help him. His mother only gives Mirko 1, 10, 100, 1 000, . . . , 1 000 000 000 Kuna bills. He never has bills that are not powers of 10. The bills he does have, he has in large amounts.

Input

The first and only line of input contains two integers, C ($0 \leq C \leq 1\,000\,000\,000$), the price of candy Mirko is going to buy, and K ($0 \leq K \leq 9$), number of zeros on the smallest bill Mirko has.

Output

The first and only line of output should contain one integer, C rounded to the nearest amount Mirko can pay.

Sample Input 1

184 1

Sample Output 1

180

Sample Input 2

123450995 1

Sample Output 2

123451000

Sample Input 3

182 2

Sample Output 3

200