Assignment Case	
DS using CH1	
Periode Berlaku Semester Ganjil 2024/2025 ***Valid on*** *Odd Year 2024/2025*	**Software Laboratory Center** **Assistant Recruitment 25-1**

Soal

Case

Italiasn

In the Republic of Italy, an evil cult of pineapple-on-pizza believers has emerged. The government has uncovered this cult and tasked you with helping to expose it. After a thorough investigation, you discover that each of the cult's bases has a lock that requires a code to open. You learn that there are 3 sacred keys, denoted as **N1**, **N2**, and **N3**, which are held by three high-ranking "Pineapple Priests" at each base. The code to unlock the base is created by combining all three keys and selecting the lowest digits. Since capturing the Pineapple Priests is not your responsibility, your last task is to write a program that outputs the code using the three keys.

Input

- The first line will consist of **N1, N2, N3** which is the 3 keys used to crack the code.

Constraint

$1 \leq N1, N2, N3 \leq 999999$

Output

Output the code that is used to open the vault.

Example

Input	Output
1 10 1000	0
789 879 987	777

Explanation

In the first test case, we get an input 1, 10, and 1000. To calculate the minimum number in each digit we will be padding all the input making it into ‘0001, ‘0010’, ‘1000’. From here we can just find the minimum in each digit.

digit 1 = min(0, 0, 1)

digit 2 = min(0, 0, 0)

digit 3 = min(0, 1, 0)

digit 4 = min(0, 0, 1)

resulting in ‘0000’ which is the same as 0

Note 1: Use scanf(“%d”, &A) to do the input, and use printf(“%d\n”, ……) to output the answer. Pay attention to the extra newline character at the end (See Note 2)!

Note 2: Always print a newline (\n) at the end of the answer