Problem B

Rare Easy Problem

Input: Standard Input
Output: Standard Output
Time Limit: 1 Second

N is a random number, which for some reason, is at least two digits. John Doe, a nondescript man, performs an operation on **N**: he chops off the last digit to form a new number **M**, and then finds **N-M**. This excites him in a hard-to-justify way. He then tells you **N-M**. Thrilled by the fascinating back-story behind this number, you make it your life goal to figure out what **N** was.

By the way, John was later eaten by a tiger.

Input

Input consists of multiple lines, one line per case. Each line contains a single positive integer between **10** and **10^18** inclusive, giving the value of **N-M**. Input is terminated by a line containing **0**.

Output

For each case, print one line containing the possible values of **N** in sorted order. Separate consecutive numbers with a single space.

Sample Input

```
18
0
```

Output for Sample Input

```
19 20
```

Problemsetter: Derek Kisman, Member of Elite Problemsetters' Panel
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(Alternate Sol and Title of the Problem :))

> "Without the constant support and, yes, competition, provided by all of the talented people here, many of us could not achieve our full potential; nor even, perhaps, realize what that potential is."
>
> -Derek Kisman