## 2.Number Modification

Write a JS program that changes a number until the average of all its digits is **not** **higher than 5**. To modify the number, your program should append a **9** to the end of the number, when the average value of all its digits is **higher than 5** the program should stop appending.

The **input** is a single number.

The **output** should consist of a single number - the final modified number which has an average value of all its digits **higher than 5**. The **output** should be printed on the console.

### Constraints

* **The input number will consist of no more than 6 digits.**
* **The input will be a valid number (there will be no leading zeroes).**

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 101 | 1019999 |
| 5835 | 5835 |