

BlueBook - Digits and Sums

Time limit: 1.0s **Memory limit:** 16M

BlueBook

Write a program that will find all the three-digit natural numbers that are equal to the sum of the cubes of their digits. The range of numbers will be $100 \leq M \leq N \leq 999$. The input will be two numbers: M and N where M is the lesser 3 digit number and N is the greater 3 digit number.

Sample Input

```
100 200
```

Sample Output

```
153
```

Explanation for Sample Output

For example, the number $153 = 1 \times 1 \times 1 + 5 \times 5 \times 5 + 3 \times 3 \times 3$ should be outputted.