Write a program that reads an integer from the user (keyboard), namely n. Your program should print all positive numbers that are smaller than n and whose digits sum up to a perfect square number.(An integer is a perfect square if it has an integer square-root for example 25) You should print the numbers in ascending order and print their digits separated by ":" symbol from the least significant digit to the most significant digit on the same line as the number. At the end of each line you should also print the sum of the digits of the number.

Example:

If the user enters n : 30, then the output should be as follows:

```
1  1  1

4  4  4

9  9  9

10  0:1  1

13  3:1  4

18  8:1  9

22  2:2  4

27  7:2  9
```