## Special Numbers

A **number** is **special** when its **sum of digits is 5, 7 or 11**.

Write a program to read an integer n and for all numbers in the range **1…n** to print the number and if it is special or not (True / False).

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 15 | 1 -> False  2 -> False  3 -> False  4 -> False  5 -> True  6 -> False  7 -> True  8 -> False  9 -> False  10 -> False  11 -> False  12 -> False  13 -> False  14 -> True  15 -> False |

### Hints

To calculate the sum of digits of given number num, you might repeat the following: sum the last digit (num % 10) and remove it (sum = sum / 10) until num reaches 0.