

## Lab: Data Types and Variables

### 8.Lower or Upper

Write a program that prints whether a given character is upper-case or lower-case.

#### Examples

Input	Output
L	upper-case
f	lower-case

### 10.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**.