Adding Digits

✓ Write a program that asks a user for a multidigit integer (ie an integer 10 or greater).

✓ Add up the digits in the integer

✓ Keep adding until there is only a single digit left

✓ The single digit is output

✓ Test the program on the integer 456789

✓ The output should be 3

Example

Input: 56

5+6 = 11

1+1 = 2

Output: 2