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