**Summing a number's digits**

61792% *of* 25915 *of* 6,510[mweiss](https://www.codewars.com/users/mweiss)

C#

* [Train Again](https://www.codewars.com/kata/summing-a-numbers-digits/train/csharp)
* [Next Kata](https://www.codewars.com/trainer/csharp)

Details

[Solutions](https://www.codewars.com/kata/summing-a-numbers-digits/solutions/csharp)

[Forks (1)](https://www.codewars.com/kata/summing-a-numbers-digits/forks/csharp)

[Discourse (28)](https://www.codewars.com/kata/summing-a-numbers-digits/discuss/csharp)

* Add to Collection
* |
* Share this kata:

Write a function named sumDigits which takes a number as input and returns the sum of the absolute value of each of the number's decimal digits. For example:

sumDigits(10); // Returns 1

sumDigits(99); // Returns 18

sumDigits(-32); // Returns 5

Let's assume that all numbers in the input will be integer values.

<https://www.codewars.com/kata/summing-a-numbers-digits/csharp>

public static int SumDigits(int number)

{

number = Math.Abs(number);

int sum = 0;

while (number > 0)

{

sum += (number % 10);

number /= 10;

}

return sum;

}