PROBLEM OF THE WEEK #5
(Spring 2019)

Nine is the smallest number that can be written as the sum of one or more consecutive positive integers in three different ways:

$$2 + 3 + 4 = 4 + 5 = 9$$

In how many ways can 2019 be written as the sum of one or more consecutive positive integers?

[Please fully explain your answer.]

Solutions should be submitted to Cinda Furry, in Gardner Hall 435, by 4:00 P.M. on Wednesday, February 27, 2019.

Every week, the best solution submitted earns a $10 Platteville gift certificate; the top scorer each semester also wins a cash award. Good luck!
You can always see the Problem of the Week (and complete rules) online at:

`http://uwpmath.weebly.com/`