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Com S 127x 10/12/2016 Group quiz

1. Trace the execution of the call mystery(5) and fill in the values of the variables at the end of each iteration of the loop. Finally, fill in the value returned by the function.

	count	р	sum
(Initial values)	n/a	1	0
First iteration			
Second iteration			
Third iteration			
Fourth iteration			
Fifth iteration			
(Return value)			

2. Write a function fraction_sum(n) that, for any positive n, returns the sum of the numbers

$$1 + 1/2 + 1/3 + 1/4 + ... + 1/n$$

For example, the call $fraction_sum(3)$ returns approximately 1.833 (the decimal approximation of 1 + 1/2 + 1/3)