1. (**POGIL**) If you ran the algorithm in the POGIL on the list of numbers, 5, 10, -2, -3, 7, 8, 12, what would it print?

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1. (**POGIL**) Suppose you had a list of positive numbers such as 5, 10, 12, 13, 6, 7, 1, 3, 2, 1. And suppose for each of the numbers in the list you added the number to a running total if it is even and subtracted it if it is odd. What result would you get for this list of numbers?

-1

1. (**POGIL**) Write a pseudocode algorithm that implements the algorithm you used to calculate this total. Make sure that you use AP CSP text-style pseudocode.

Let Total = 0

For items in list (list) {

If item in list at index i == even {

Let Total = total + item

Else {

Let Total = total - item

}

Let i = i + 1

}