

1. Fizzbuzzpop

Make the sprite count up from 1 by making the sprite say the numbers. However, if the number is a multiple of 3, replace the number with “fizz”. If the number is a multiple of 5, replace the number with “buzz”. If it is a multiple of 7, replace it with “pop”. If the number is a multiple of 2 of these numbers, then say both words. So, it should look like this:

1 2 fizz 4 buzz fizz pop 8 fizz 10 11 fizz 13 pop fizzbuzz 16
17 Fizz 19 buzz fizzpop 22

2. New Sorting Algorithm

Kenny had a new idea for a way to sort numbers. He thinks that he could create a sorted sequence of numbers by going through the sequence, until he finds a number that is out of order. He will remove that number from the sequence, and start from the beginning. For example:

1 5 3 6 2 4 9 (3 is removed)

1 5 6 2 4 9 (2 is removed)

1 5 6 4 9 (4 is removed)

1 5 6 9 (final product)

3. Steps

Sam and John is in a PE lesson, and is doing exercises. You should ask for 3 inputs: A,B and C. Sam is running A meters forward, than A meters back. John is running B meters forward, than B meters back. Assuming they run at the same speed, and start at the same place and same time. Would John or Sam be in front of the other, when they have both ran C meters?