Enter can2 votes

Enter can3 votes

Enter can4 votes

Enter can1 votes

Press submit box button

Add the inputted number to can1’s votes

Add the inputted number to can2’s votes

Add the inputted number to can3’s votes

Add the inputted number to can4’s votes

Yes

Are there more boxes?

No

Press “Finish” button

Record index of can4’s number from array

Record index of can3’s number from array

Record index of can2’s number from array

Record index of can1’s number from array

Reverse the array

Sort array

Record candidate’s votes in an array.

No

Yes

Can2 = Can1

Can1 = Can2

If can1’s votes are < than can2’s

No

Output the can1’s num of votes in the fourth box with the can1 name

Yes

Yes

Yes

No

No

No

Output the can1’s num of votes in the third box with the can1 name

Output the can1’s num of votes in the second box with the can1 name

If can1 number of votes is in the third index of the array

If can1 number of votes is in the second index of the array

Output the can1’s num of votes in the first box with the can1 name

Yes

If can1 number of votes is in the first index of the array

If can2 number of votes is in the first index of the array

Output the can2’s num of votes in the first box with the can2 name

Yes

No

Output the can2’s num of votes in the second box with the can2 name

Yes

If can2 number of votes is in the second index of the array

If can3 number of votes is in the third index of the array

If can3 number of votes is in the second index of the array

Output the can3’s num of votes in the second box with the can3 name

Output the can3’s num of votes in the first box with the can3 name

Output the can3’s num of votes in the third box with the can3 name

No

No

No

Yes

Yes

Yes

If can3 number of votes is in the first index of the array

Output the can2’s num of votes in the fourth box with the can2 name

Output the can2’s num of votes in the third box with the can2 name

Yes

No

No

If can2 number of votes is in the third index of the array

Output the can3’s num of votes in the fourth box with the can3 name

If can4 number of votes is in the first index of the array

If can4 number of votes is in the second index of the array

If can4 number of votes is in the third index of the array

Yes

Yes

Yes

No

No

No

Output the can4’s num of votes in the third box with the can4 name

Output the can4’s num of votes in the first box with the can4name

Output the can4’s num of votes in the second box with the can4 name

Output the can4’s num of votes in the fourth box with the can4 name