class Result {

/\*

\* Complete the 'balancedSum' function below.

\*

\* The function is expected to return an INTEGER.

\* The function accepts INTEGER\_ARRAY arr as parameter.

\*/

public static int balancedSum(List<Integer> arr) {

int left = 0, sumLeft = 0, sumRight = 0;

int right = arr.size() - 1;

sumLeft = arr.get(left);

sumRight = arr.get(right);

while (left < right) {

if (sumLeft < sumRight) {

sumLeft += arr.get(++left);

} else if (sumLeft > sumRight) {

sumRight += arr.get(++right);

} else {

left++;

right--;

}

}

return sumLeft == sumRight ? right : -1;

}

}