We can solve this problem by using a prefix sum.

The first step is to calculate the total tastiness of the bar, i.e. finding the sum of the values in the array. Let us denote this sum with the value s. While calculating this sum, we also create a new array, the prefix sum array, let us denote the elements of this array with the values p_i where $0 \leq i < N$.

We then simply have to find $\min(\ |(s - p_i) - p_i|\ )$ for all $0 \leq i < N$.

Here, $(s - p_i)$ denotes the tastiness of the right hand side of the bar, and p_i denotes the tastiness of the left hand side of the bar. Taking the absolute value of the difference here is what the question is asking us, and then we simply are trying to find the minimum value of such difference.