* Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: Input1: An integer value N, representing the size of the array A. Input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 12345 Sample Output 5	≥Logo	
Name HARSHINI K Roll Number 38R23EC054 EXPERIMENT Title MINIMUM ARRAY SUM Choose any two integers from the array and calculate their average. *If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: Input: An integer value, representing the minimum possible sum of all the elements in the array by sample Input Sample Input 5 12.3.4.5 Sample Output 5 Sample Output 5	STUDENT REPORT	
Name HARSHINI K Roll Number 38R23EC054 EXPERIMENT Title MINIMUM ARRAY SUM Choose any two integers from the array and calculate their average. *If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: Input: An integer value, representing the minimum possible sum of all the elements in the array by sample Input Sample Input Sample Input Sample Output 5 Sample Output	FOR SPENSE SPAN SECURITY OF SPAN SPENSE SPAN SPENSE SPAN SPENSE SPAN SPENSE SPAN SPENSE SPAN SPAN SPAN SPAN SPAN SPAN SPAN SPAN	360
HARSHINI K Roll Number 3BR23EC054 EXPERIMENT Title MINIMUM ARRAY SUM Paul is given an array A of length N. He must perform the following Operations on the array sequentially: * Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 Sample Input 5 Sample Output 5 Sample Output	DETAILS SPARE COSA SPARE COSA SPARE COSA SARE	レ
HARSHINI K Roll Number 3BR23EC054 EXPERIMENT Title MINIMUM ARRAY SUM Paul is given an array A of length N. He must perform the following Operations on the array sequentially: * Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 Sample Input 5 Sample Output 5 Sample Output	DETAILS 36, 36, 36, 36, 36, 36, 36, 36, 36, 36,	0
Roll Number 3BR23EC054 EXPERIMENT. Title MINIMUM ARRAY SUM Paul is given an array A of length N. He must perform the following Operations on the array sequentially: * Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input \$ 1	Name get get get get get get get get get ge	,05A
EXPERIMENT Title MINIMUM ARRAY SUM Paul is given an array A of length N. He must perform the following Operations on the array sequentially: * Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: Input1: An integer value N, representing the size of the array A. Input2: An integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 1 2 3 4 5 Sample Output 5 Sample Output 5	Poll Number	
EXPERIMENT Title MINIMUM ARRAY SUM Paul is given an array A of length N. He must perform the following Operations on the array sequentially: * Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 1 2 3 4 5 Sample Output 5 Sample Output 5	3BR23EC054	2
* Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 12345 Sample Output 5 Sample Output	34 CO 34CO 34CO 34CO 34CO 34CO 34CO 34CO	381
* Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 12345 Sample Output 5 Sample Output	EXPERIMENT, NO SECOND S	
**Choose any two integers from the array and calculate their average. **If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 1 2 3 4 5 Sample Output 5	the state of the s	34,00
**Choose any two integers from the array and calculate their average. **If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. Input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 12345 Sample Output 5	MINIMUM ARRAY SUM	.V-
**Choose any two integers from the array and calculate their average. **If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 12345 Sample Output 5	Description, which are the state of the stat	Ġ.
* Choose any two integers from the array and calculate their average. * If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it. Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: Input 1: An integer value N, representing the size of the array A. Input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 12345 Sample Output 5	Paul is given an array A of length N. He must perform the following Operations on the array sequentially:	,05A
Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: Input 1: An integer value N, representing the size of the array A. Input 2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 1 2 3 4 5 Sample Output 5 Sample Output		
Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations. Note: An exact average should be calculated, even if it results in a decimal. Input Format: Input 1: An integer value N, representing the size of the array A. Input Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 1 2 3 4 5 Sample Output 5 Sample Output	* If an element is less than the average, update it to 0. However, if the element is greater than or equal to the average, he need not update it.	3BR2
Input Format: input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 12345 Sample Output 5	Your task is to help Paul find and return an integer value, representing the minimum possible sum of all the elements in the array by performing the above operations.	
Input Format: input1: An integer value N, representing the size of the array A. input2: An integer array A. Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 12345 Sample Output 5	Note: An exact average should be calculated, even if it results in a decimal.	34,00
Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 1 2 3 4 5 Sample Output 5	Input Format	_V
Output Format: Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 1 2 3 4 5 Sample Output 5	input1: An integer value N, representing the size of the array A.	0
Return an integer value, representing the minimum possible sum of all the elements in the array by Sample Input 5 1 2 3 4 5 Sample Output 5	input2: An integer array A.	.05A.
5 1 2 3 4 5 Sample Output 5	Output Format:	
5 1 2 3 4 5 Sample Output 5	Return an integer value, representing the minimum possible sum of all the elements in the array by	2
5 1 2 3 4 5 Sample Output 5	O	38,
5	12245	
5	Sample Output	3/85
Source Code: 3Hz ²	5	3
Source Code: SHRIP SECOLAR SH		
3Hr ^{23E} 3Hr ²	Source Code:	A CASO
3Hrl3fcoth 3Hrl3fcoth 3Hrl3fcoth 3Hrl3fcoth 3Hrl3fcoth 3Hrl2fcoth	April 24 Sept. Sep	4
Strong St	COLUMN CO	Self Self
ARE STATE OF THE S	The state of the s)~
	38th Colon State S	, &
Story	The state of the s	3600

```
def min_sum(arr):
       arr.sort(reverse=True)
       total = arr[0]
       avg = arr[0]
       for i in range(1, len(arr)):
           if arr[i] < avg:</pre>
               break
           total += arr[i]
           avg = (total) / (i + 1)
       return total
   n = int(input())
   arr = list(map(int, input().split()))
   result = min_sum(arr)
                                                                                                       ~8R23ECO5A3BE
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 \%
```