	ELogo	
4	DETAILS Name CROSS Name CRO	
P000	18534 100 to 18234	000
_	DETAILS Name CROSS HIP 3 MC ROSS HIP 3 MC	VC K
234	DETAILS TO THE PROPERTY OF THE	
70	Name cross 1823 806 734 604 MCF LIBY CROSS	MBJ3
		}
VC BOOG	Roll Number NCF (LIP) (CRO) (1873) (100) (3M) (642) (100)	
	KUB23MCA006 EXPERIMENT LUB 3 MC ADO LUB 3 M	MCEO
E	EXPERIMENT LUB 3 MC POO LUB 3 M	7
Toly,	Title Calo Calo Calo Calo Calo Calo Calo Calo	NB
	MINIMUM ARRAY SUM	200 ts
PO	Description 823 NO CARD STATE OF THE STATE O	
3MCAO	Secondary CE 100 100 100 100 100 100 100 100 100 10	323MCA
	raul is given an array A or length N. He must perform the following operations on the array sequentially.	27.3
000 FIR	* Choose any two integers from the array and calculate their average.	
000	* 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.	4000 K
823NC	array by performing the above operations.	
82	Note: An exact average should be calculated, even if it results in a decimal.	JB23M
	Input Format:	21.
ROOF	input1: An integer value N, representing the size of the array A.	- 6
J.Y.	input2: An integer array A.	ACK000
	Output Format:	7
KNB531	Return an integer value, representing the minimum possible sum of all the elements in the array by	.00
	Sample input	· KNB2
00	12345	
MCROO	Sample Output	" CEB
	5	Ball
FUBJ		0
	Source Code: *** *** *** *** *** *** ***	880 KAJ
	42 34ch (1781, 16600, 17834, 1600) 1884 1884	SRO
	The reconstruction of the result of the resu	, G.
	Tiles 32 CELLO , 1833W, Oct A. Street Care Care Care Care Care Care Care Care	Maggare.
	Source Code: Kilb 3 mc Rolo Kilb 3	7
	The state of the s	080
	Source Code: LUB 23 MC ROLO WIR 23	E. E. Bo.

```
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)
                                                                                                      -006 H853 MCR
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
                           ~ 4720
```