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TIB53	PALLAVI G K	] (4)
R	133 N. L. C. L.	-73°CS*
1014	PERIMENT  Sum of Numbers at Prime factors  Description  Seriol Mary Seriol Mar	
EX	PERIMENT (SELO) 1873 NOTE 3(SELO) 1873 (1975)	FIRS
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FIB53C	SUM OF NUMBERS AT PRIME FACTORS	, «C
0	PERIMENT  Strong Company Compa	182305
	Description Strain 1823 1017 3368 The File of Strain 1823	40
233054	Prime factors of a positive integer are the prime numbers that divide that integer exactly.	. \
) <sup>V</sup>	Given an array arr of n integers and a positive integer num.	SETOTE
4	Let's suppose prime factorization of num is: $p^a \times q^b \times r^c \times \times z^f$ , where p,q,rz are prime numbers.	
SHOTE	Sum of numbers in array arr at indices of prime factors of number num is: $a \times arr[p] + b \times arr[q] + c \times arr[r] + \dots + f \times arr[z]$ .	1823
	You are given an array arr of size n and a positive integer num. You are required to calculate the sum of numbers in arr as mentioned above, and print the same.	1 K1853
K1853C	Note:	510
	<ul> <li>If arr is empty, print -1.</li> <li>If prime factor of num not found as indices, print 0.</li> </ul>	32355
23/5/10	Input Format:	<
,230	The input consists of three lines:	sto the
. %	<ul> <li>The first line contains an integer, i.e. n.</li> <li>The second line contains an array arr of length of n.</li> </ul>	25.
:101 F18;	The third line contains an integer num	2°
4	The input will be read from the STDIN by the candidates.	MONBER
S	Output Format:	/
N823C5	Print the sum that was mentioned in the problem statement.	STON
	Example:	1363°
4	Input:	
	6	CST NOTES
	11 21 32 45 1 23	V. C.
	6	Δ.
	Output:	" BABESTO
	77	M
	Explanation:	

```
6=2^1 \times 3^1
           sum=1*arr[2]+1*arr[3]=1*32+1*45=77
         Source Code:
           def solve(arr,num):
               primes=[]
               for i in range(2,(num//2)+1):
                   while num%i==0:
                       primes.append(i)
                       num=num//i
               if num>2:
                   primes.append(num)
               ans=0
               for i in primes:
                   try:
                       ans+=arr[i]
                   except:
                       return 0
               return ans
           n=int(input())
           if n !=0:
               arr=list(map(int,input().split()))
               num=int(input())
               print(slove(arr,num))
           else:
               print(-1)
RESULT
         1 / 5 Test Cases Passed | 20 %
```