DETAILS

No. Name JAYASHANKAR S EXPERIMENT.
Title Description Prime factors of a positive integer are the prime numbers that divide that integer exactly. Given an array arr of n integers and a positive integer num. Let's suppose prime factorization of num is: pax qbx rcx x z[†], where p,q,r...z are prime numbers. Sum of numbers in array arr at indices of prime factors of number num is: $a \times arr[p] + b \times arr[q] + c \times arr[r] + + f \times arr[r]$ arr[z]. 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. Note: • If arr is empty, print -1. • If prime factor of num not found as indices, print 0. **Input Format:** The input consists of three lines: • The first line contains an integer, i.e. n. • The second line contains an array arr of length of n. The third line contains an integer num 1500° The input will be read from the STDIN by the candidates. Output Format: 38223 Print the sum that was mentioned in the problem statement. Example: Input: 6 11 21 32 45 1 23 6 Output:

1 of 3 29-09-2024, 09:26 Explanation:
6=2¹ x 3¹
sum=1*arr[2]+1*arr[3]=1*32+1*45=77

RESULT
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RESULT
28 RE² Re

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