RAJECU.C.	Store Student	TEMP
Ç.DÉ	STUDENT REPORT STAILS Name Report Strong High Particular Strong Hi	06°°
(SANIYA KHANAM	Jen.
c.S	Roll Number Comment of the Comment o	
<echics (<="" th=""><th>TEMPBTech-CSE068</th><th>.00</th></echics>	TEMPBTech-CSE068	.00
EX Tit	(PERIMENT COMBINATIONS LEADING TO A PRODUCT	of the strong
chicst	Problem Statement:	MPBTec
	You are given an array arr and a product m. Your task is to find the number of possible unique triplets whose product of	'An
EMPBIE,	elements is m.	<
× .	Input Format:	5K068 X
CSEO681	The second line contains the integer, in	
	The input will be read from the STDIN by the candidate	&Tech.
ch.	Output Format:	
NPB Tech!	The output consists of a single integer, i.e. the count of unique triplets having product m.	STEM
	The output will be matched to the candidate's output printed on the STDOUT	,68
£068 [EX	Example:	
5000	Input:	echi-csk
<	7	ec.
stectices	5 3 20 10 1 4 2	_^
8	60	SHARA
08	Output:	60
(EMPR	3	~(@
	Explanation:	SELL SELL SELL SELL SELL SELL SELL SELL
	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	48
	The count of unique triplets is 3.	MENE
;	Possible triplets for product m: (5,4,3),(20,3,1), (10,3,2) The count of unique triplets is 3. Source Code: Line Head of Co	

```
def count_triplets(arr, n, m):
       unique_triplets = set()
       for i in range(n):
           for j in range(i + 1, n):
               for k in range(j + 1, n):
                   if arr[i] * arr[j] * arr[k] == m:
                       triplet = tuple(sorted([arr[i], arr[j], arr[k]]))
                       unique_triplets.add(triplet)
       return len(unique_triplets)
   # Input Reading
   n = int(input())
   arr = list(map(int, input().split()))
   m = int(input())
   result = count_triplets(arr, n, m)
   print(result)
RESULT
 6 / 6 Test Cases Passed | 100 %
              objec
```