

```
sum.c C p.c C AREA2.c C VOLUME1.c C VOLUME2.c C VOLUME3.c C sum.c C diff_triangle.c C 02_labTest.c C abcc X C 04_labTest.c  
C abc.c > @main()  
1 // Q108: Write a Program to take an integer array nums. Print an array answer such that answer[i] is equal to the product of all the elements oF nums except nums[i].  
2  
3 /*  
4 Sample Test Cases:  
5 Input 1:  
6 nums = [1,2,3,4]  
7 Output 1:  
8 [24,12,8,6]  
9  
10 Input 2:  
11 nums = [-1,1,0,-3,3]  
12 Output 2:  
13 [0,0,9,0,0]  
14  
15 */  
16  
17 #include <stdio.h>  
18  
19 int main() {  
20     int n, i, j;  
21     printf("Enter number of elements: ");  
22     scanf("%d", &n);  
23     int nums[n], answer[n];  
24  
25     printf("Enter %d elements: ", n);  
26     for (i = 0; i < n; i++)  
27         scanf("%d", &nums[i]);  
28  
29     for (i = 0; i < n; i++) {  
30         int prod = 1;  
31         for (j = 0; j < n; j++) {  
32             if (i != j)  
33                 prod *= nums[j];  
34         }  
35         answer[i] = prod;  
36     }  
37  
38     printf("[");  
39     for (i = 0; i < n; i++) {  
40         printf("%d", answer[i]);  
41         if (i != n - 1)  
42             printf(",");  
43     }  
44     printf("]\n");  
45  
46     return 0;  
47 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\abc.c  
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe  
Enter number of elements: 4  
Enter 4 elements: 1 2 3 4  
[24,12,8,6]  
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\abc.c  
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe  
Enter number of elements: 5  
Enter 5 elements: -1 1 0 -3 3  
[0,0,9,0,0]  
PS C:\Users\drago\OneDrive\Desktop\C H.W> █
```