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1  /// Author: Pinyo Taeprasartsit
2  /// File: best_student.c
3  /// Purpose: Quiz 5, Computer Programming I, 2555-1
4
5  #include <stdio.h>
6
7  int main() {
8      int N, M, i;
9      int A[5000];
10     scanf("%d", &N);
11
12     for(i = 0; i < N; ++i) {
13         scanf("%d", &A[i]);
14     }
15     scanf("%d", &M);
16
17     if(M > 0) {
18         for(i = 0; i < N; ++i) {
19             printf("%d ", A[i] + M);
20         }
21     } else if(M < 0) {
22         for(i = N - 1; i >= 0; --i) {
23             printf("%d ", A[i] + M);
24         }
25     }
26
27     return 0;
28 }
29
```