

```
1  #include <stdio.h>
2
3  int main() {
4      int i, j, n, a[1000];
5      int temp = 0;
6      printf("Enter the size of array: ");
7      scanf("%d", &n);
8      printf("Enter the elements of array: ");
9      for (i = 0; i < n; i++) {
10         scanf("%d", &a[i]);
11     }
12     j = 0;
13     for (int i = 0; i < n; i++) {
14         if (a[i] < 0) {
15             if (i != j) {
16                 int temp = a[i];
17                 a[i] = a[j];
18                 a[j] = temp;
19             }
20             j++;
21         }
22     }
23
24     for (int i = 0; i < n; i++) {
25         printf("%d ", a[i]);
26     }
27     printf("\n");
28
29     return 0;
30 }
31
32
```