

problem.c

```
1  #include <stdio.h>
2
3  void rearrange(int arr[], int n) {
4      int left = 0, right = n - 1;
5
6      while (left <= right) {
7
8          if (arr[left] < 0) {
9              left++;
10         }
11
12         else if (arr[right] >= 0) {
13             right--;
14         }
15
16         else {
17             int temp = arr[left];
18             arr[left] = arr[right];
19             arr[right] = temp;
20             left++;
21             right--;
22         }
23     }
24 }
25
26 int main() {
27     int n;
28
29     printf("Enter the number of elements: ");
30     scanf("%d", &n);
31
32     int arr[n];
33
34     printf("Enter the elements of the array:\n");
35     for (int i = 0; i < n; i++) {
36         scanf("%d", &arr[i]);
37     }
38
39     rearrange(arr, n);
40
41     printf("Array after rearranging:\n");
42     for (int i = 0; i < n; i++) {
43         printf("%d ", arr[i]);
44     }
45
46     return 0;
47 }
48
```