

Move all negative numbers to beginning and positive to end with constant extra space

```
#include <stdio.h>
```

```
int main() {  
    int n;  
    printf("Enter the number of elements: ");  
    scanf("%d", &n);  
    int arr[n];  
    printf("Enter %d integers:\n", n);  
    for (int i = 0; i < n; i++) {  
        scanf("%d", &arr[i]);  
    }  
    int i = 0, j = 0;  
    while (j < n) {  
        if (arr[j] < 0) {  
            int temp = arr[i];  
            arr[i] = arr[j];  
            arr[j] = temp;  
            i++;  
        }  
        j++;  
    }  
    for (int k = 0; k < n; k++) {  
        printf("%d ", arr[k]);  
    }  
    return 0;  
}
```