

problem.c

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main() {
5      int N, i, j, temp;
6
7      printf("Enter N: ");
8      scanf("%d", &N);
9
10     int a[N];
11
12     printf("Enter array elements: ");
13     for (i = 0; i < N; i++) {
14         scanf("%d", &a[i]);
15     }
16
17     for (i = 0; i < N - 1; i++) {
18         for (j = i + 1; j < N; j++) {
19             if (a[i] > a[j]) {
20                 temp = a[i];
21                 a[i] = a[j];
22                 a[j] = temp;
23             }
24         }
25     }
26
27     printf("Sorted array elements: ");
28     for (i = 0; i < N; i++) {
29         printf("%d ", a[i]);
30     }
31
32     printf("\n");
33
34     return 0;
35 }
36
```