

problem.c

```
1  #include <stdio.h>
2
3  int main() {
4  int arr[30];
5  int n;
6
7  printf("Enter n: ");
8  scanf("%d",&n);
9
10 printf("Enter the elements of the array:\n");
11     for(int i = 0; i < n; i++)
12     {
13         scanf("%d", &arr[i]);
14     }
15
16 int i, j, t;
17
18 for(i = 0; i < n-1; i++)
19 {
20     for(j = 0; j < n-i-1; j++)
21     {
22         if(arr[j] < arr[j+1])
23         {
24             t = arr[j];
25             arr[j] = arr[j+1];
26             arr[j+1] = t;
27         }
28     }
29 }
30
31 printf("After sorting array will be like: ");
32 for(i = 0; i < n; i++)
33 {
34     printf("\n%d", arr[i]);
35 }
36
37 return 0;
38 }
```