```c
#include <stdio.h>

int main() {
  int n;int i,j,temp;
   printf("Array size: ");
   scanf("%d", &n);
   int arr[n];
   printf("Elements of the array: ");
   for (i = 0; i < n; i++) {
      scanf("%d", &arr[i]);
   }
   for(i = 0; i < n; i++){
      for(j=i+1;j<n;j++){
         if(arr[i]>arr[j]){
         temp=arr[i];
         arr[i]=arr[j];
         arr[j]=temp;


         }
      }
   }
printf("Sorted array: ");
for (i = 0; i < n; i++){
   printf("%d ",arr[i]);
}
   return 0;
}
```