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1  #include <stdio.h>
2  void selectionsort(int n, int a[10]);
3  int main() {
4      int n, a[10];
5      printf("Enter the number of elements: ");
6      scanf("%d", &n);
7      printf("Enter the array elements: ");
8      for (int i = 0; i < n; i++) {
9          scanf("%d", &a[i]);
10     }
11     selectionsort(n, a);
12     printf("After sorting: ");
13     for (int i = 0; i < n; i++) {
14         printf("%d\t", a[i]);
15     }
16     return 0;
17 }
18 void selectionsort(int n, int a[10]) {
19     int temp;
20     for (int i = 0; i < n ; i++) {
21         for (int j = i + 1; j < n; j++) {
22             if (a[i] > a[j]) {
23                 temp = a[i];
24                 a[i] = a[j];
25                 a[j] = temp;
26             }
27         }
28     }
29 }
30

```