05/23/18 09:17:05 D:\git-repos\data-structure-homework\10\e31.cpp

```
 1   #include <cstdio>
 2   #include <iostream>
 3   #include <cstring>
 4   using namespace std;
 5   int c[1007], a[1007], rag[1007];
 6   int n;
 7   int main() {
 8       scanf("%d", &n);
 9       for (int i = 0; i < n; ++i)
10           scanf("%d", a + i);
11       for (int i = 0; i < n; ++i) {
12           for (int j = 0; j < n; ++j) {
13               if (i == j) continue;
14               if (a[j] < a[i]) ++c[i];
15           }
16       }
17       for (int i = 0; i < n; ++i)
18           rag[c[i]] = a[i];
19       for (int i = 0; i < n; ++i)
20           printf("%d ", rag[i]);
21   }
22   /**
23    root ▶ … 〉 git-repos 〉 data-structure-homework 〉 10 ▶ g++ e31.cpp   ◀ ⅁ master
24    root ▶ … 〉 git-repos 〉 data-structure-homework 〉 10 ▶ ./a.out        ◀ ⅁ master
25   5
26   43 23 12 3 65
27   3 12 23 43 65 #
28    root ▶ … 〉 git-repos 〉 data-structure-homework 〉 10 ▶ ./a.out        ◀ ⅁ master
29   10
30   9 8 7 6 5 4 3 2 1 0
31   0 1 2 3 4 5 6 7 8 9 #
32    root ▶ … 〉 git-repos 〉 data-structure-homework 〉 10 ▶              ◀ ⅁ master
```