```
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// Prova PCC104 - 01
 2
      // Algoritmo: SelectionSort
      #include <iostream>
 5
 6
      void SelectionSort(int A[], int n) {
 8
 9
           for (int i = 0; i < n - 1; i++) {</pre>
               int min = i;
10
                for (int j = i + 1; j < n; j++) {
   if (A[j] < A[min]) {
      min = j;</pre>
11
12
13
14
15
                }
16
               int temp = A[i];
17
               A[i] = A[min];
A[min] = temp;
18
19
20
          }
21
     }
22
     int main() {
23
          int A[] = {89, 45, 68, 90, 29, 34, 17};
int n = sizeof(A) / sizeof(A[0]);
24
2.5
           std::cout << "Size of A: " << n << std::endl;</pre>
26
27
           SelectionSort(A, n);
28
          std::cout << "Sorted array: ";</pre>
           for (int i = 0; i < n; i++) {
    std::cout << A[i] << " ";
29
30
31
32
33
          return 0;
34
    }
3.5
```