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1  // Autor: Rannier Salles de Almeida
2  // Prova PCC104 - 01
3  // Algoritmo: SequentialSearch2
4
5  #include <iostream>
6
7  int SequentialSearch2(int A[], int n,int K) {
8
9      int i = 0;
10
11      do{
12          i = i+1;
13      } while (A[i] != K);
14
15      if (i < n)
16          {return i;}
17      else
18          {return -1;}
19  }
20
21  int main() {
22      int Answer;
23      int K;
24      int A[] = {89, 45, 68, 90, 29, 34, 17};
25      int n = sizeof(A) / sizeof(A[0]);
26      std::cout << "Insira valor procurado:";
27      std::cin >> K;
28      std::cout << "Size of A: " << n << std::endl;
29      Answer = SequentialSearch2(A, n,K );
30      if (Answer >= 0)
31          {
32              std::cout << "Posicao: " << Answer;
33          }
34      else
35          {
36              std::cout << "Elemento nao encontrado";
37          }
38      return 0;
39  }
40

```