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| **Check sorted in C++** | |
| #include <iostream>  using namespace std;  bool sorted(int arr[], int n) {      if (n == 1 || n == 0) {          return true;      } else if (arr[n - 1] < arr[n - 2]) {          return false;      } else {          return sorted(arr, n - 1);      }  }  int main() {      int arr[] = {1, 2, 3, 4, 5};      int n = sizeof(arr) / sizeof(arr[0]);      cout << boolalpha << sorted(arr, n) << endl;      return 0;  } | ****Input**** arr[] = {1, 2, 3, 4, 5}  n = 5 🔄 ****Recursive Calls**** We check if the last two elements are in correct order (arr[n-2] <= arr[n-1]), and recursively reduce the array size. 📋 ****Dry Run Table****  | **Call** | **n** | **arr[n-2]** | **arr[n-1]** | **Comparison** | **Result** | | --- | --- | --- | --- | --- | --- | | sorted(arr, 5) | 5 | 4 | 5 | 4 ≤ 5 | ✅ | | sorted(arr, 4) | 4 | 3 | 4 | 3 ≤ 4 | ✅ | | sorted(arr, 3) | 3 | 2 | 3 | 2 ≤ 3 | ✅ | | sorted(arr, 2) | 2 | 1 | 2 | 1 ≤ 2 | ✅ | | sorted(arr, 1) | 1 | — | — | Base case | ✅ |  ✅ ****Output**** true  Your program will print:  true |
| Output:- true | |