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Online C Compiler - Programiz

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C Online Compiler

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main.c

Run

Output

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```
1 #include <stdio.h>
2 void bubbleSort(int arr[], int n) {
3     int i, j, temp;
4     for (i = 0; i < n - 1; i++) {
5         for (j = 0; j < n - i - 1; j++) {
6             if (arr[j] > arr[j + 1]) {
7                 temp = arr[j];
8                 arr[j] = arr[j + 1];
9                 arr[j + 1] = temp;
10            }
11        }
12    }
13 }
14 void printArray(int arr[], int size) {
15     int i;
16     for (i = 0; i < size; i++)
17         printf("%d ", arr[i]);
18     printf("\n");
19 }
20 int main() {
21     int arr[] = {64, 34, 25, 12, 22, 11, 90};
22     int n = sizeof(arr) / sizeof(arr[0]);
23     printf("Original array: \n");
24     printArray(arr, n);
25     bubbleSort(arr, n);
26     printf("Sorted array: \n");
27     printArray(arr, n);
28     return 0;
29 }
30
```

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