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// Bubble Sort Method to sort a given array of integers.cpp : This
file contains the 'main' function. Program execution begins and
ends there.
//
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```
#include <iostream>
using namespace std;
void bubbleSort(int arr[], int s)
{
    for (int i = 0; i < s - 1; i++) {
        for (int j = 0; j < (s - 1 - i); j++) {
            if (arr[j] > arr[j + 1])
                swap(arr[j], arr[j + 1]);
        }
    }
}

void printArray(int arr[], int size)
{
    for (int i = 0; i < size; i++)
        cout << arr[i] << " ";
}

int main()
{
    int arr[10] = { 10,50,40,2,5,80 };
    int size = sizeof(arr) / sizeof(arr[0]);
    cout << "\nbefor selection sort....." << endl;
    printArray(arr, size);

    bubbleSort(arr, size);
    cout << "\nafter selection sort....." << endl;
    printArray(arr, size);
}
```