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// This program demonstrates the showValues function being
// used to display the contents of two arrays.
#include <iostream>
using namespace std;

void showValues(int [], int); // Function prototype

int main()
{
    const int SIZE1 = 8; // Size of set1 array
    const int SIZE2 = 5; // Size of set2 array
    int set1[SIZE1] = {5, 10, 15, 20, 25, 30, 35, 40};
    int set2[SIZE2] = {2, 4, 6, 8, 10};

    // Pass set1 to showValues.
    showValues(set1, SIZE1);

    // Pass set2 to showValues.
    showValues(set2, SIZE2);
    return 0;
}

//*****
// Definition of function showValues. *
// This function accepts an array of integers and *
// the array's size as its arguments. The contents *
// of the array are displayed. *
//*****

void showValues(int nums[], int size)
{
    for (int index = 0; index < size; index++)
        cout << nums[index] << " ";
    cout << endl;
}

```