// 7a

#include <iostream>

using namespace std;

int main()

{

cout << "This program will ask you to enter ten values, then it will determine the largest and smallest of the values you entered.\n";

int numbers[10];

for(int i = 0; i < 10; i++){

cout << "Enter an integer value: ";

cin >> numbers[i];

}

int smallest = numbers[0], largest = numbers[0];

for(int i = 1; i < 10; i++){

if(numbers[i] < smallest)

smallest = numbers[i];

if(numbers[i] > largest)

largest = numbers[i];

}

cout << "\nThe largest value entered is " << largest

<< "\nThe smallest value entered is " << smallest;

return 0;

}

/\* Test result

This program will ask you to enter ten values, then it will determine the largest and smallest of the values you entered.

Enter an integer value: 23

Enter an integer value: 34

Enter an integer value: 45

Enter an integer value: 56

Enter an integer value: 67

Enter an integer value: 78

Enter an integer value: 75

Enter an integer value: 53

Enter an integer value: 31

Enter an integer value: 49

The largest value entered is 78

The smallest value entered is 23

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