**code:**

#include <iostream>

using namespace std;

void bubbleSortGame(int scores[], int n) {

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

for (int j = 0; j < n - i - 1; j++) {

if (scores[j] > scores[j + 1]) {

cout<<"swapped items "<<scores[j]<<" and "<<scores[j+1]<<endl;

// Swap

int temp = scores[j];

scores[j] = scores[j + 1];

scores[j + 1] = temp;

}

}

}

cout << "\nLevel complete! Scores sorted!" << endl;

}

int main() {

int n;

cout << "Welcome to the Bubble Sort Level-Up Game!" << endl;

cout << "Enter the number of scores: ";

cin >> n;

int scores[n];

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

cout << "Enter score " << i + 1 << ": ";

cin >> scores[i];

}

cout << "\nStarting the level-up sorting...\n" << endl;

bubbleSortGame(scores, n);

cout << "\nSorted Scores: ";

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

cout << scores[i] << " ";

}

cout << endl;

return 0;

}

**Output:**

Welcome to the Bubble Sort Level-Up Game!

Enter the number of scores: 5

Enter score 1: 87

Enter score 2: 7

Enter score 3: 87

Enter score 4: 23

Enter score 5: 2

Starting the level-up sorting...

swapped items 87 and 7

swapped items 87 and 23

swapped items 87 and 2

swapped items 87 and 23

swapped items 87 and 2

swapped items 23 and 2

swapped items 7 and 2

Level complete! Scores sorted!

Sorted Scores: 2 7 23 87 87