// This program uses two arrays to record the names of 5 types of pizza

// and the sales numbers for each of these types

// The program then finds the best and the worst selling pizzas

#include <iostream>

#include <string>

using namespace std;

int main()

{

const int ARR\_SIZE = 6; // Declare the array size and set it to 5

// Declare the array of pizza names and record values in it

string name[ARR\_SIZE] = {"Pepperoni", "Prosciutto", "Vegetarian",

"Sausage", "Supreme", "Mozzarella"};

int sales[ARR\_SIZE]; // Declare the sales array

int worstseller\_number, bestseller\_number; // The subscripts of the best- and worstseller

string worstseller\_name, bestseller\_name; // The sale numbers of the best- and worstseller

for (int i = 0; i < ARR\_SIZE; i++) // A loop to enter all sales numbers

{

cout << "Enter sales for " << name[i] << ": ";

cin >> sales[i];

}

// Make the first element in name[] the bestseller and the worstseller name

worstseller\_name = bestseller\_name = name[0];

// Make the first element in sales[] the bestseller and the worstseller sales amount

worstseller\_number = bestseller\_number = sales[0];

for (int i = 0; i < ARR\_SIZE; i++) // Loop through all elements in sales[]

{

if (sales[i] < worstseller\_number) // If an element is less than the lowest...

{

worstseller\_number = i; // make the lowest sales equal to its sales

worstseller\_name = name[i]; // make the worstseller name equal to its name

}

if (sales[i] > bestseller\_number) // If an element is higher than the highest...

{

bestseller\_number = sales[i]; // make the highest sales equal to its sales

bestseller\_name = name[i]; // make the bestseller name equal to its name

}

}

cout << "The bestselling pizza is " << bestseller\_name << " with the sales of "

<< bestseller\_number << endl; // Display the best selling pizza

cout << "The worst selling pizza is " << worstseller\_name << " with the sales of "

<< worstseller\_number << endl;

} // display the worst selling pizza