1. Define a structure for cities. It will have members: cityname, lowest temperature and highest temperature of the city. Do the following
   a. Input 10 city information into an array of 10 city structures. Then find the city having the highest temperature.
   b. Add a function that will input city information into a structure and will return the structure

2. To the program you have written in question1, add a function that receives an array of city structure, it will find and return the city which has the largest difference between lowest and highest temperature. Main will display this city’s information.

3. Write a program that will find the winner in a skating competition. It will have a structure for skater information: name, country, points (array of 10 real numbers), average. Program will input information of 5 skaters and will find and display the winner by calculating the average point of each skater.
   a. Use function f1() that will receive a skater structure will find and set the average of the skater
   b. Use function f2() that receives array of structures and will find and return the winner skater information to the calling function.