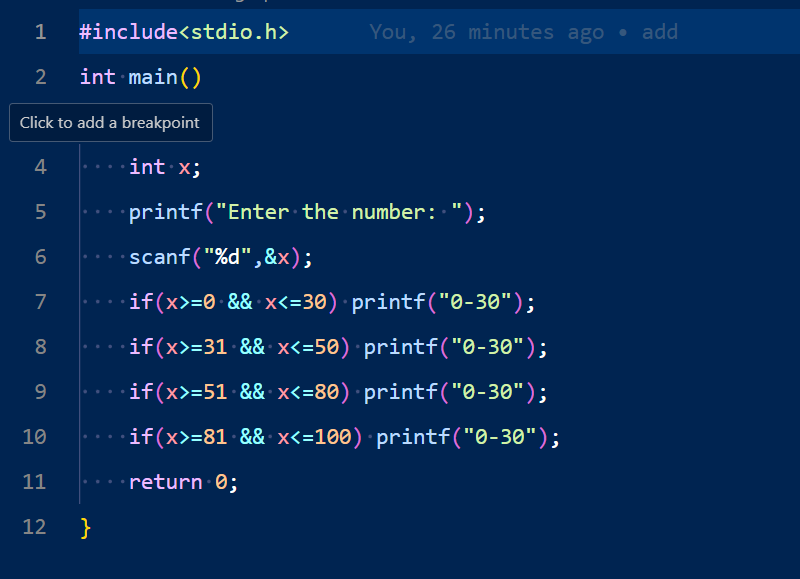
Problem No: 2302056\_101

Problem Name: There are three given ranges. Write a C program that reads a floating-point number and finds the range where it belongs from four given ranges.

Input:



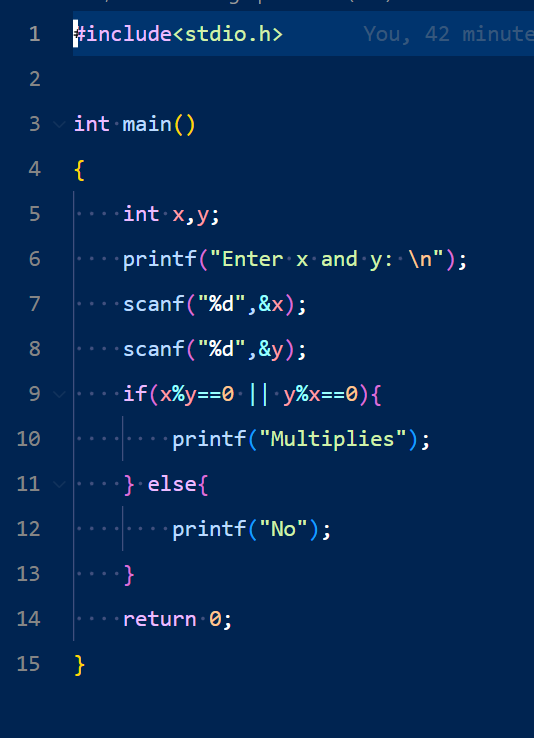
Output:



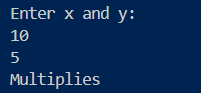
Problem No: 2302056\_103

Problem Name: In science, a multiple is the product of any quantity and an integer. In other words, for the quantities a and b, we say that b is a multiple of a if b = na for some integer n, which is called the multiplier. If a is not zero, this is equivalent to saying that b/a is an integer.

Input:



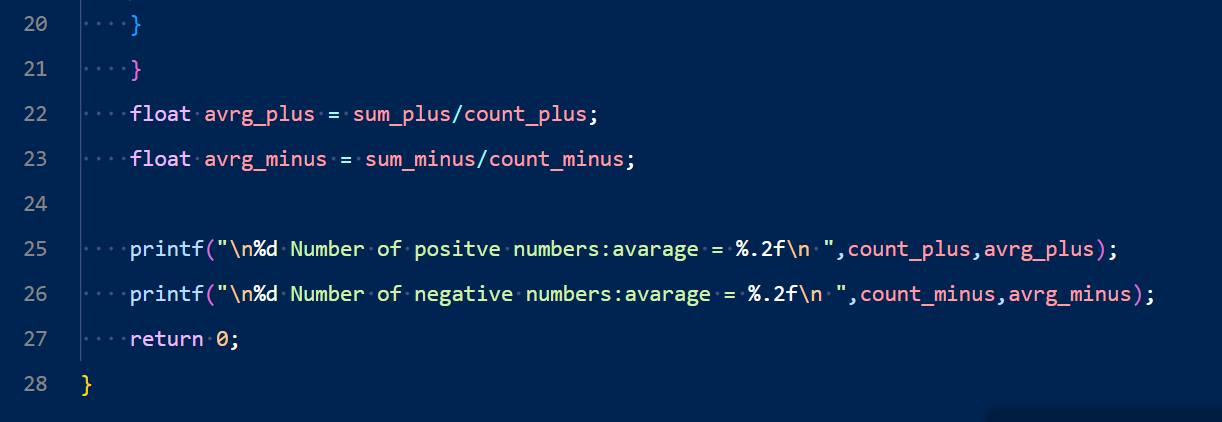
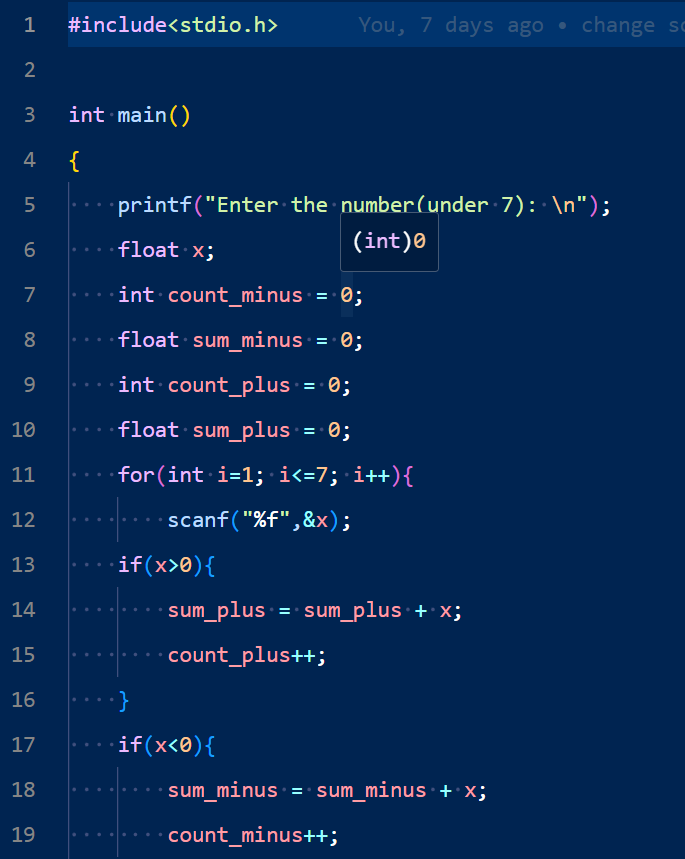
Output:



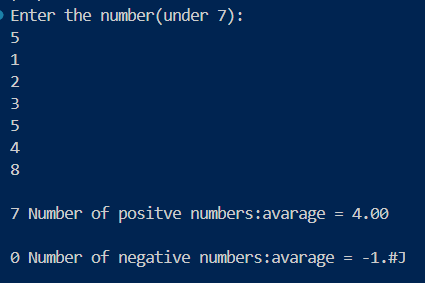
Problem No: 2302056\_105

Problem Name: Write a C program that accepts seven floating point numbers and counts the number of positive and negative numbers. Print the average of all positive and negative values with two digits after the decimal number.

Input:



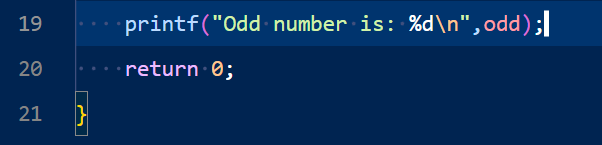
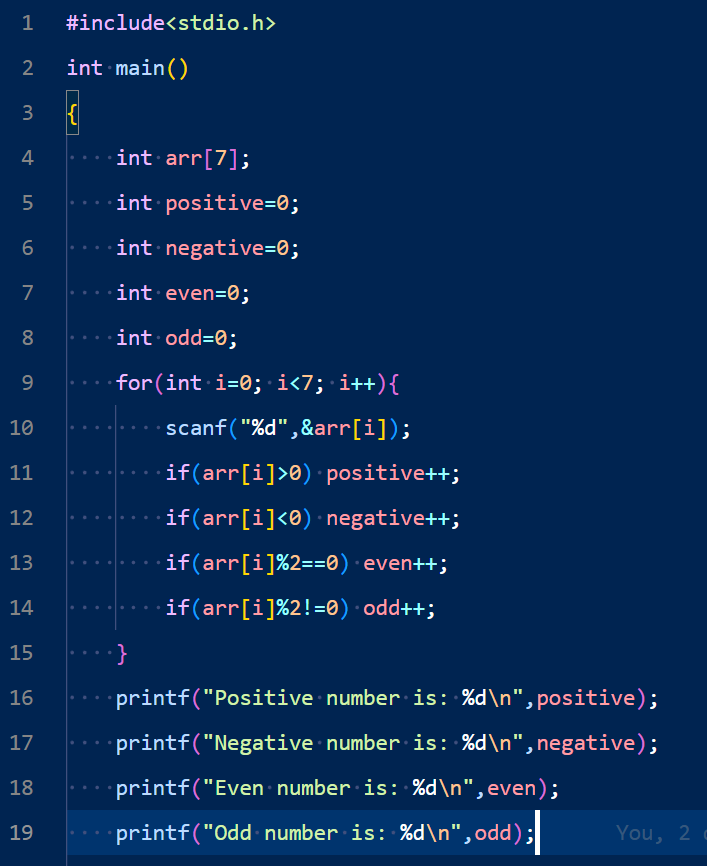
Output:



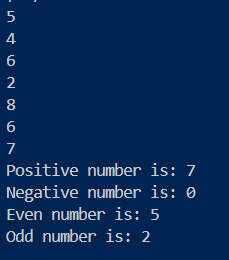
Problem No: 2302056\_06

Problem Name: Write a C program that accepts 7 integer values and counts the even, odd, positive and negative values.

Input:



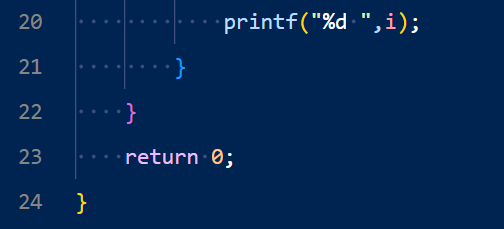
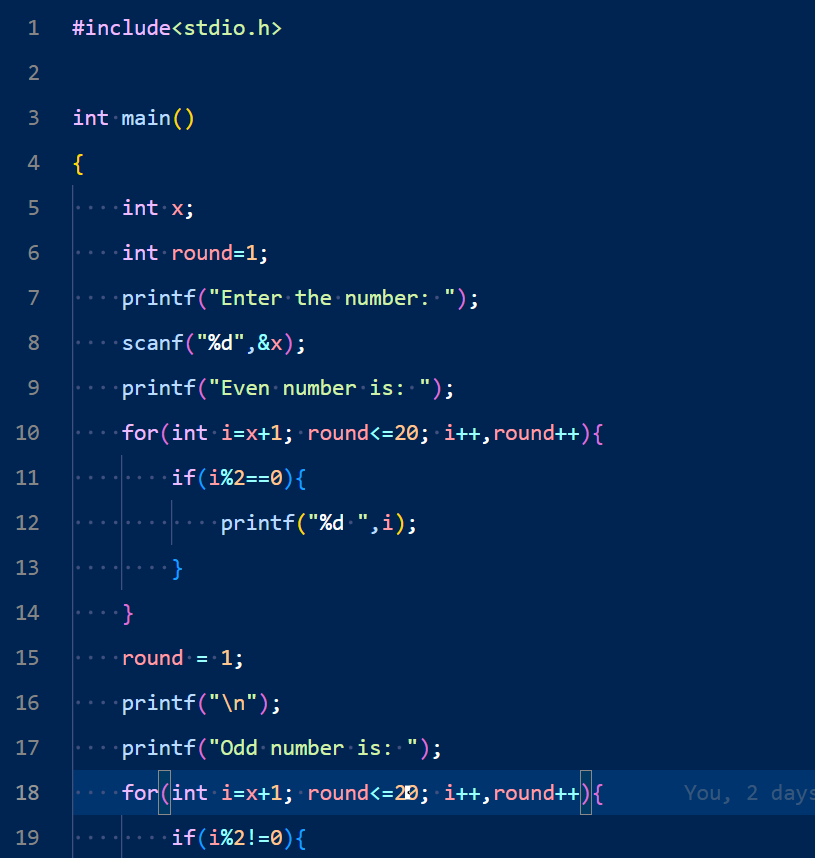
Output:



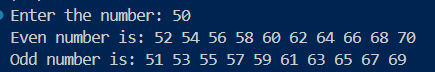
Problem No: 2302056\_107

Problem Name: Write a C program that prints ten consecutive odd and even numbers after accepting an integer.

Input:



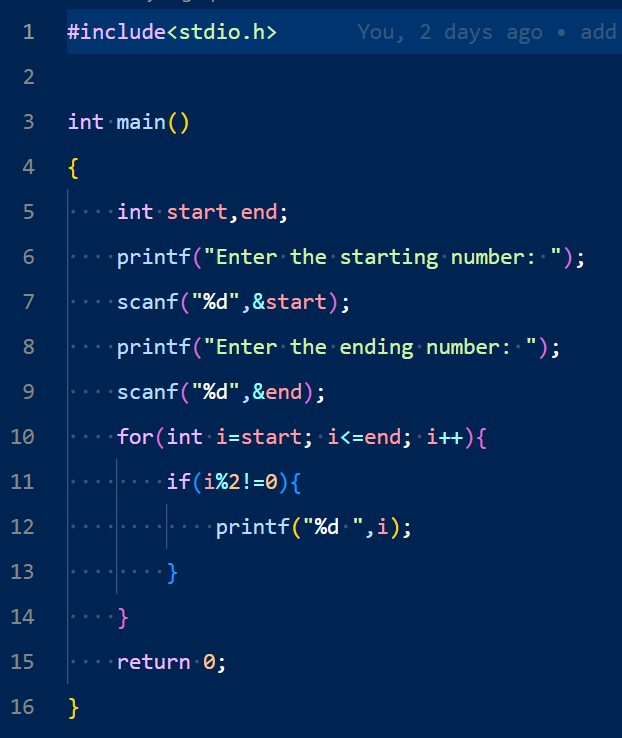
Output:



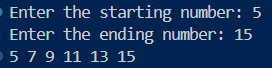
Problem No: 2302056\_108

Problem Name: Write a C program that reads two integer values and calculates the sum of all odd numbers between them.

Input:



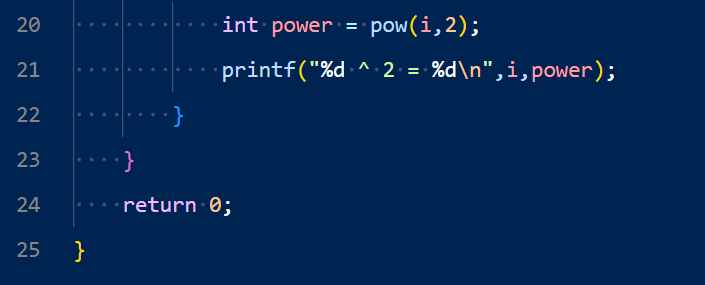
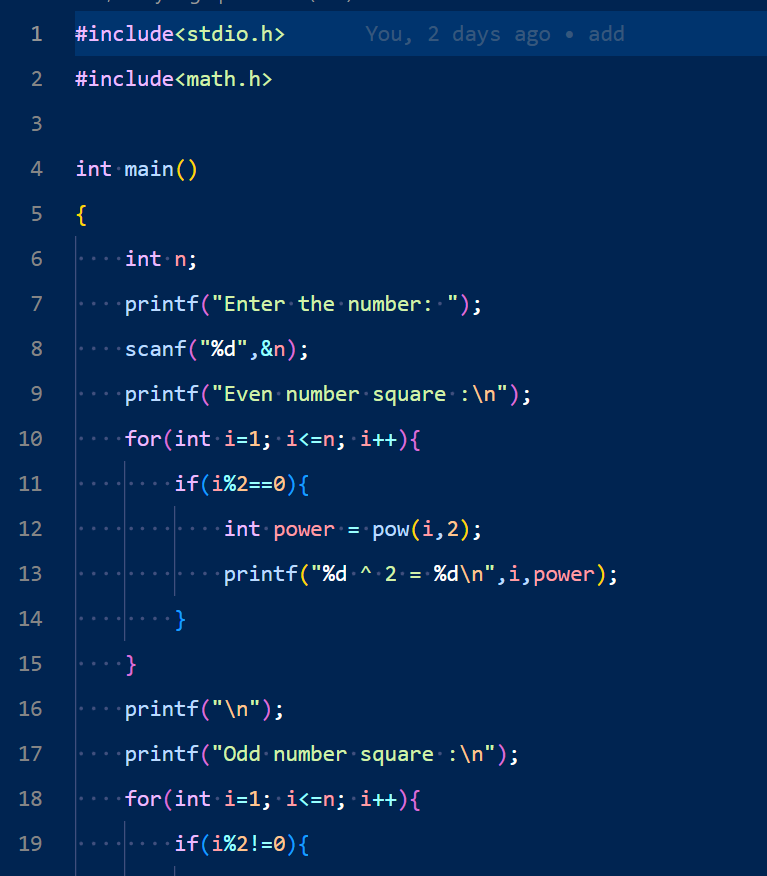
Output:



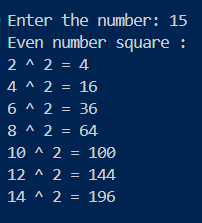
Problem No: 2302056\_109

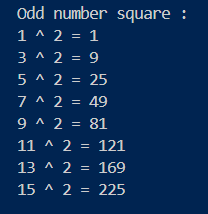
Problem Name: Write a C program to find and print the square of each even and odd value between 1 and a given number (4 < n < 101).

Input:



Output:

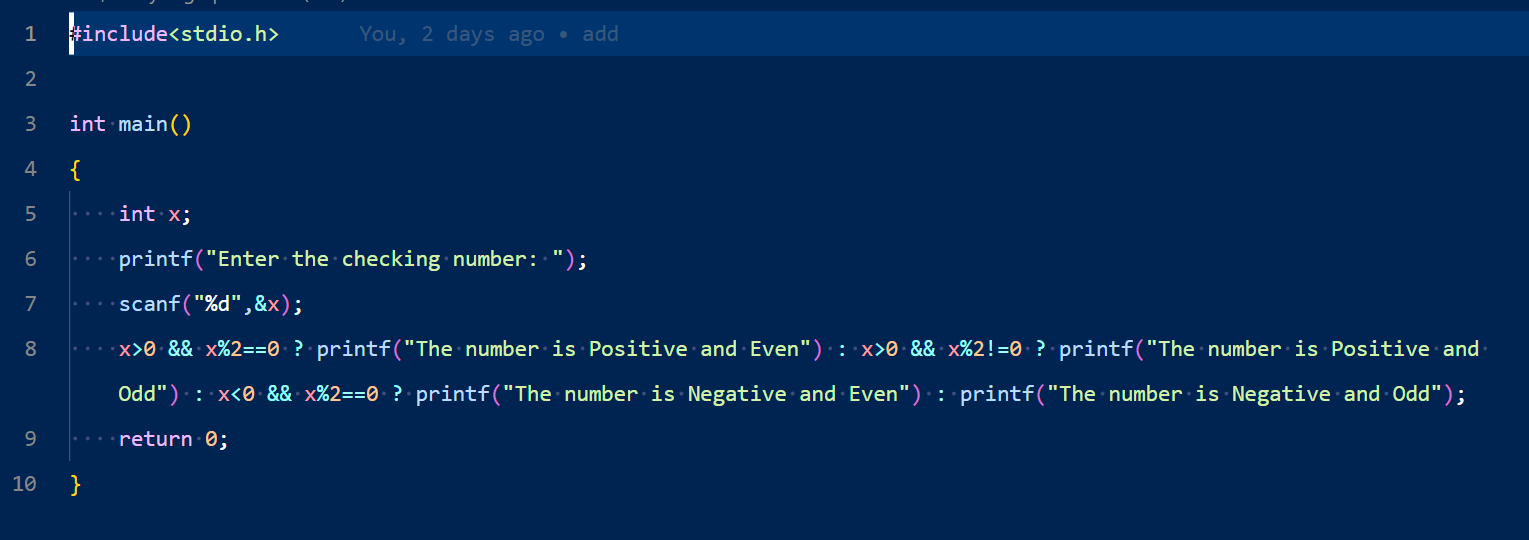




Problem No: 2302056\_110

Prblem Name: 110. Classify a number as positive/negative and odd/even, or print "Zero"

Input:



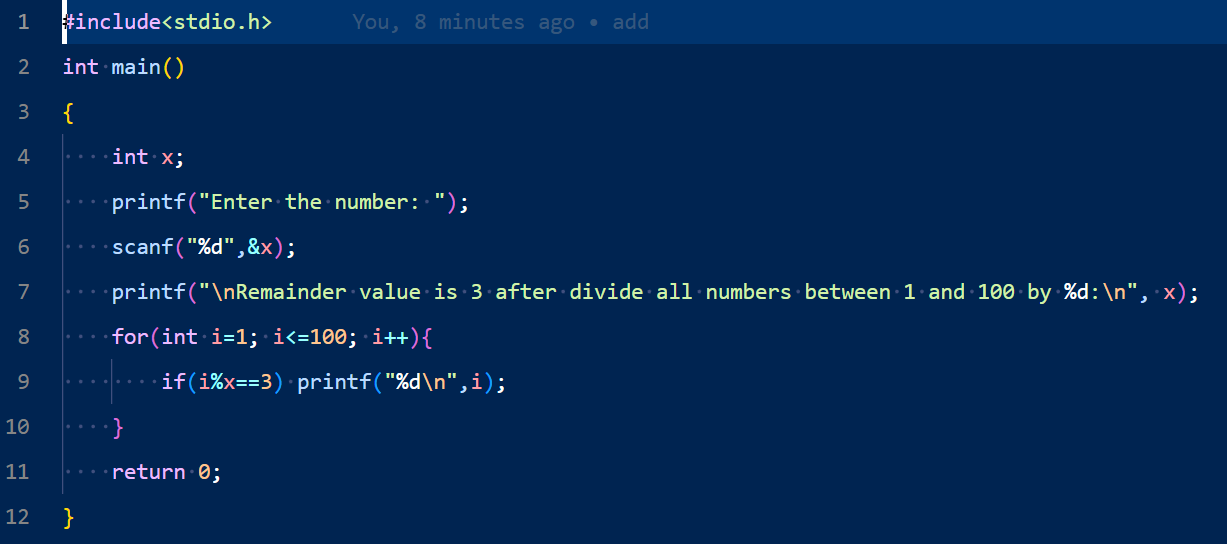
Output:

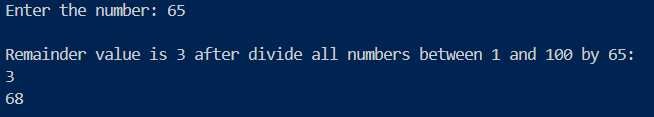


Problem No: 2302056\_111

Problem Name: Write a C program that accepts an integer from the user and divides all numbers between 1 and 100. Print those numbers where the remainder value is 3.

Input:

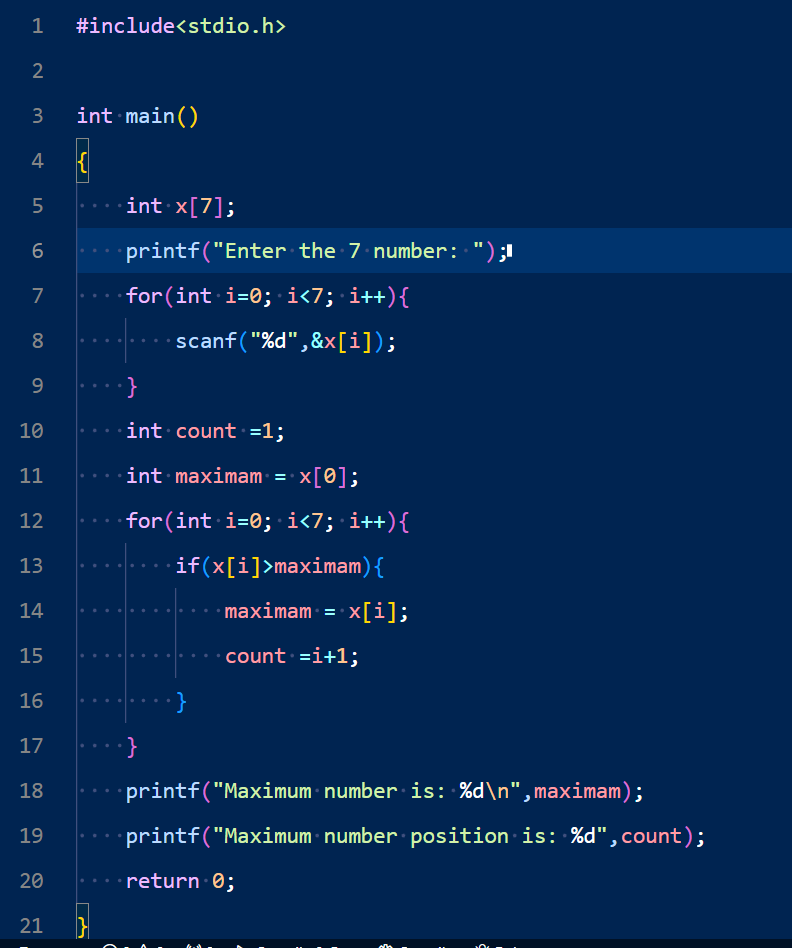


Output:

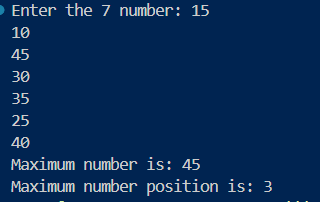
Problem No: 2302056\_112

Problem Name: Write a C program that reads seven integer values from the user and finds the highest value and its position.

Input :



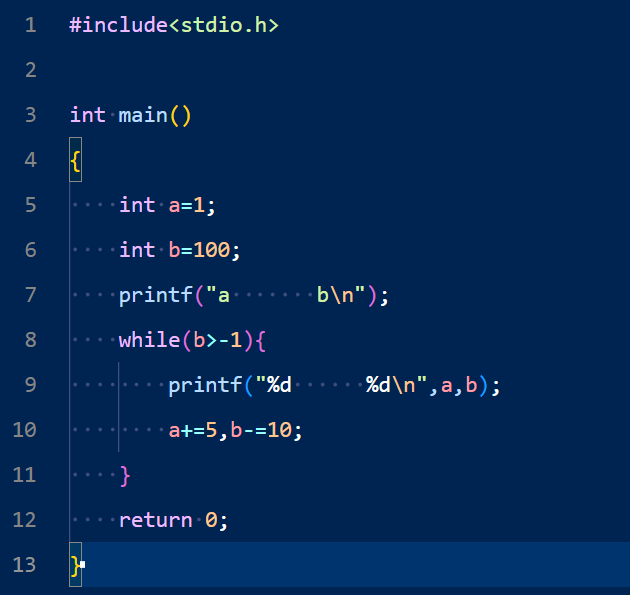
Output:



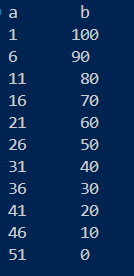
Problem No: 2302056\_113

Problem Name: Write a C program to create and print the sequence of the following example.

Input:



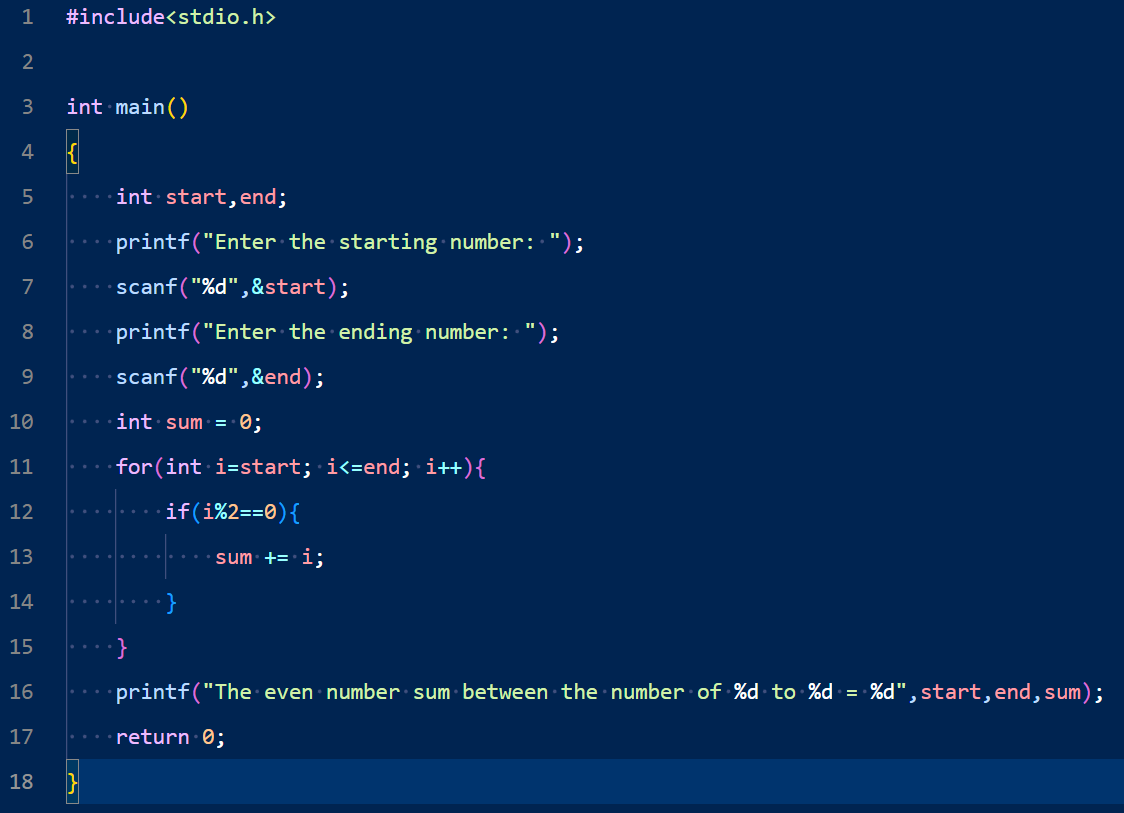
Output:



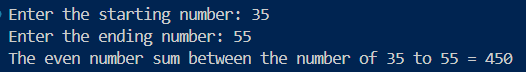
Problem No: 2302056\_114

Problem Name: Write a C program that accepts two integer values and calculates the sum of all even values between them.

Input:



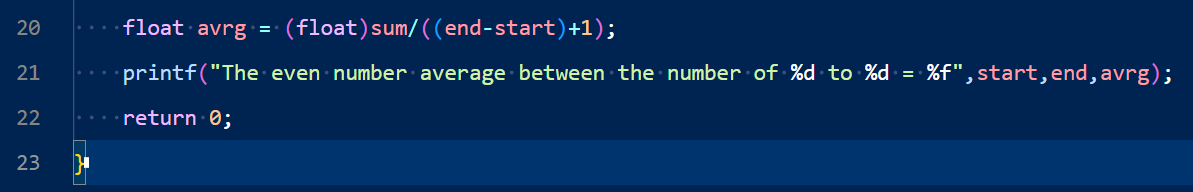
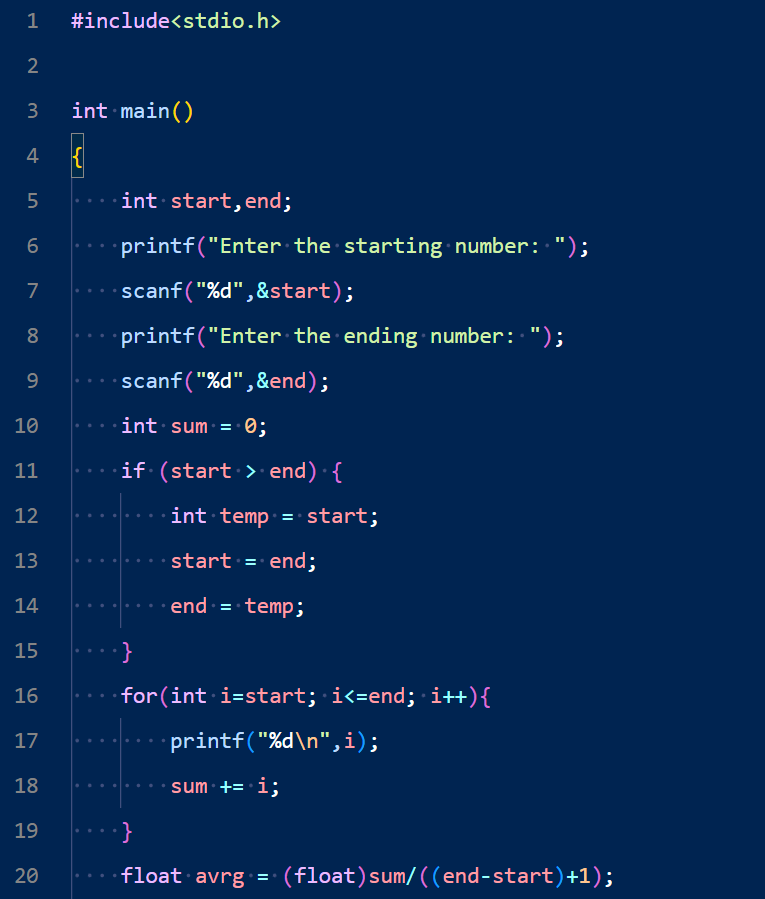
Output:



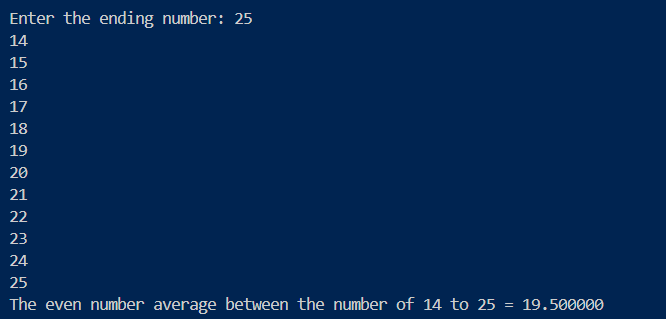
Problem No: 2302056\_115

Prbolem Name: Write a C program that accepts a pair of numbers from the user and prints the sequence from the lowest to the highest number. Also, print the average value of the sequence.

Input:



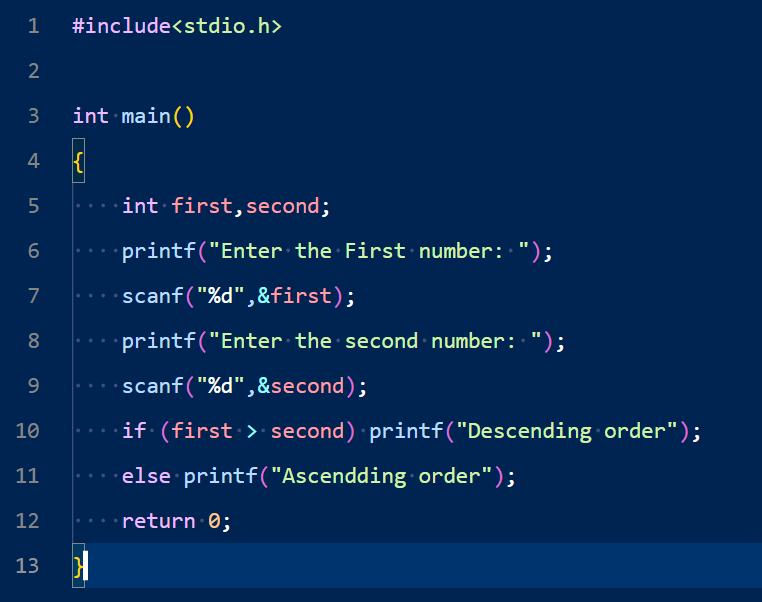
Output:



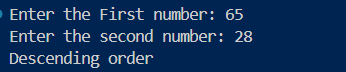
Problem No: 2302056\_116

Problem Name: Write a C program that accepts a pair of numbers from the user and prints "Ascending order" if the two numbers are in ascending order, otherwise prints, "Descending order".

Input:



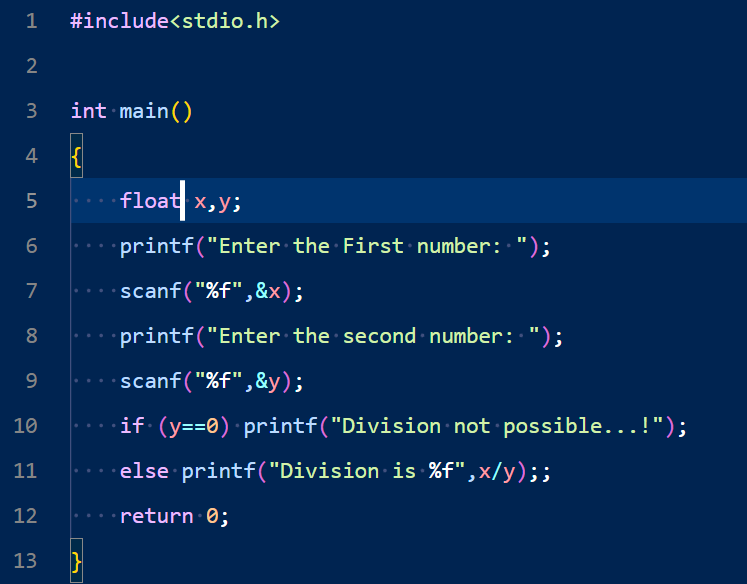
Output:



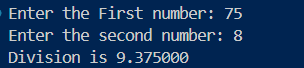
Problem No: 2302056\_117

Problem Name: Write a C program that reads two integers and divides the first number by second, print the result of this division with two digits after the decimal point and prints “Division not possible..!” if the division is not possible.

Input:

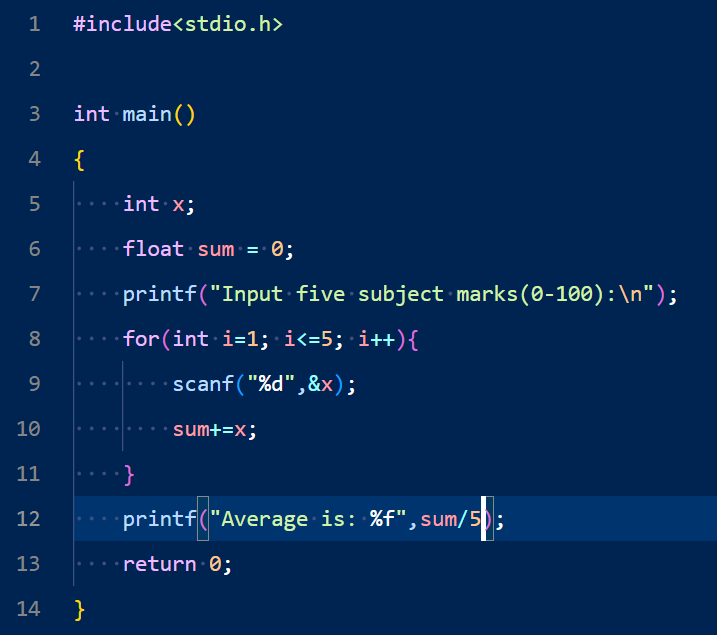


Output:

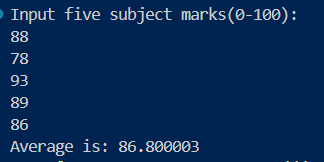


Problem No: 2302056\_118

Problem Name: Write a C program that reads five subject marks (0-100) of a student and calculates the average of these marks.



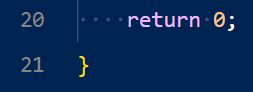
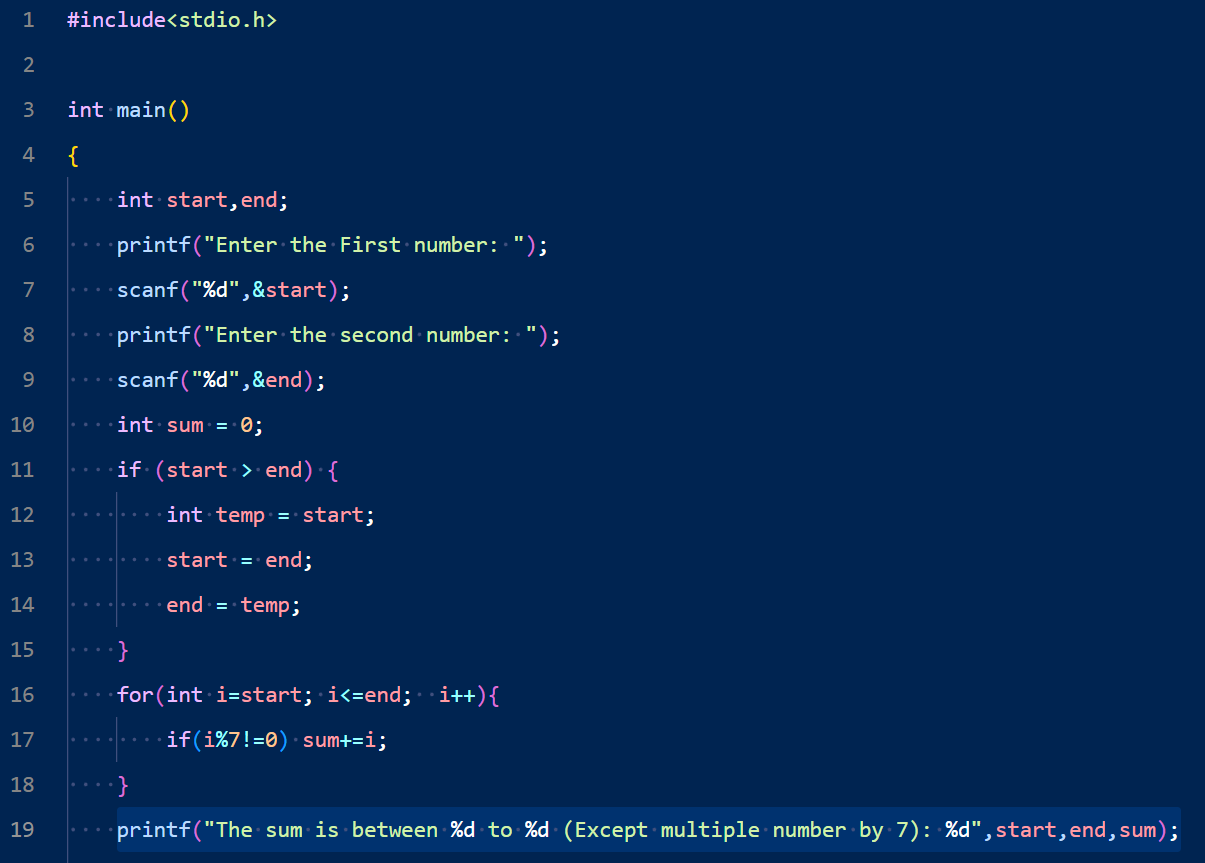
Output:

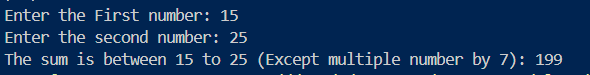


Problem No: 2302056\_119

Problem Name: Write a C program to calculate the sum of all numbers between two given numbers (inclusive) not divisible by 7.

Input:

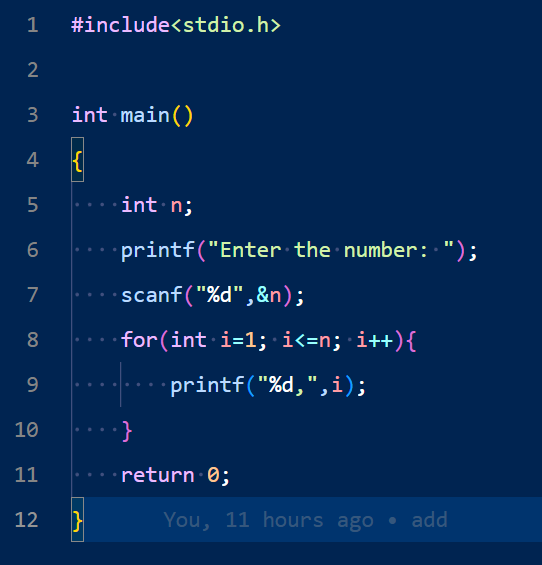


Output:

Problem No: 2302056\_120

Problem Name: Write a C program to print a sequence from 1 to a given (integer) number, inserting a comma between these numbers. There will be no comma after the last character.

Input:



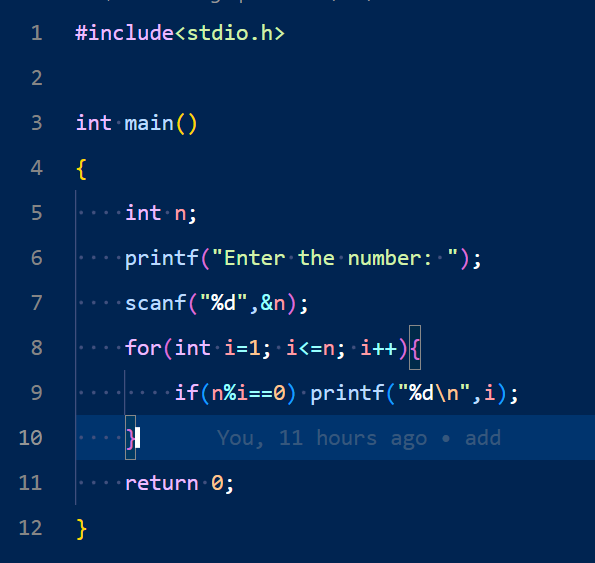
Output:



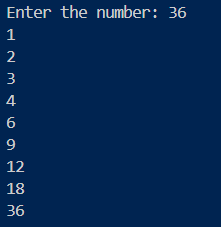
Problem No: 2302056\_121

Problem Name: Write a C program that reads an integer and finds all the divisors of the said integer.

Input:



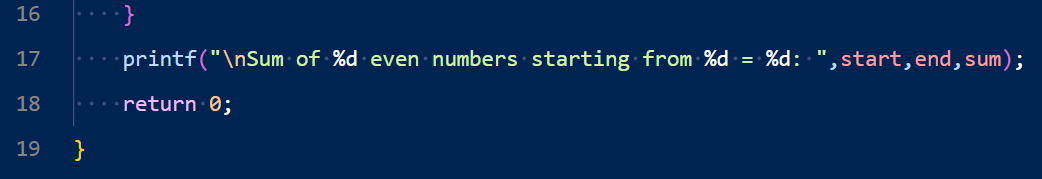
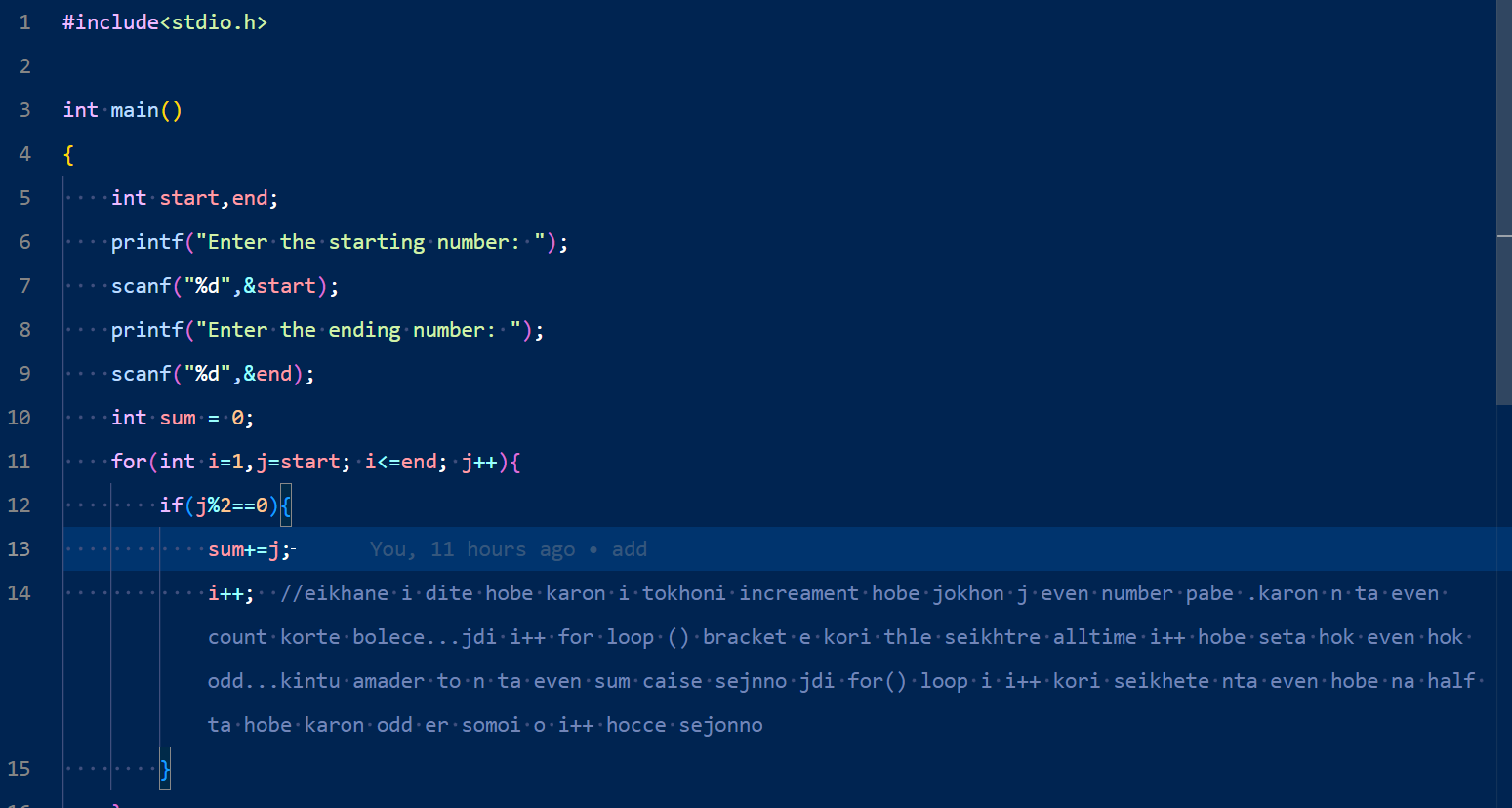
Output:



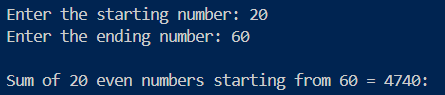
Problem No: 2302056\_122

Problem Name: Write a C program that reads two integers m, n and computes the sum of n even numbers starting from m.

Input:



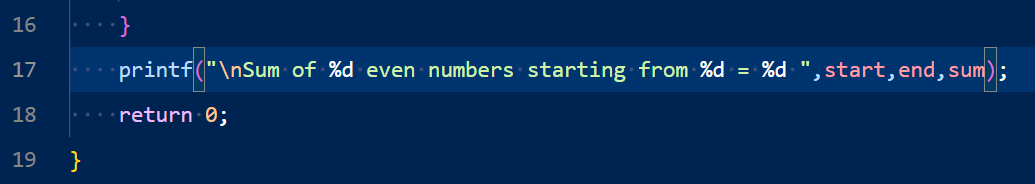
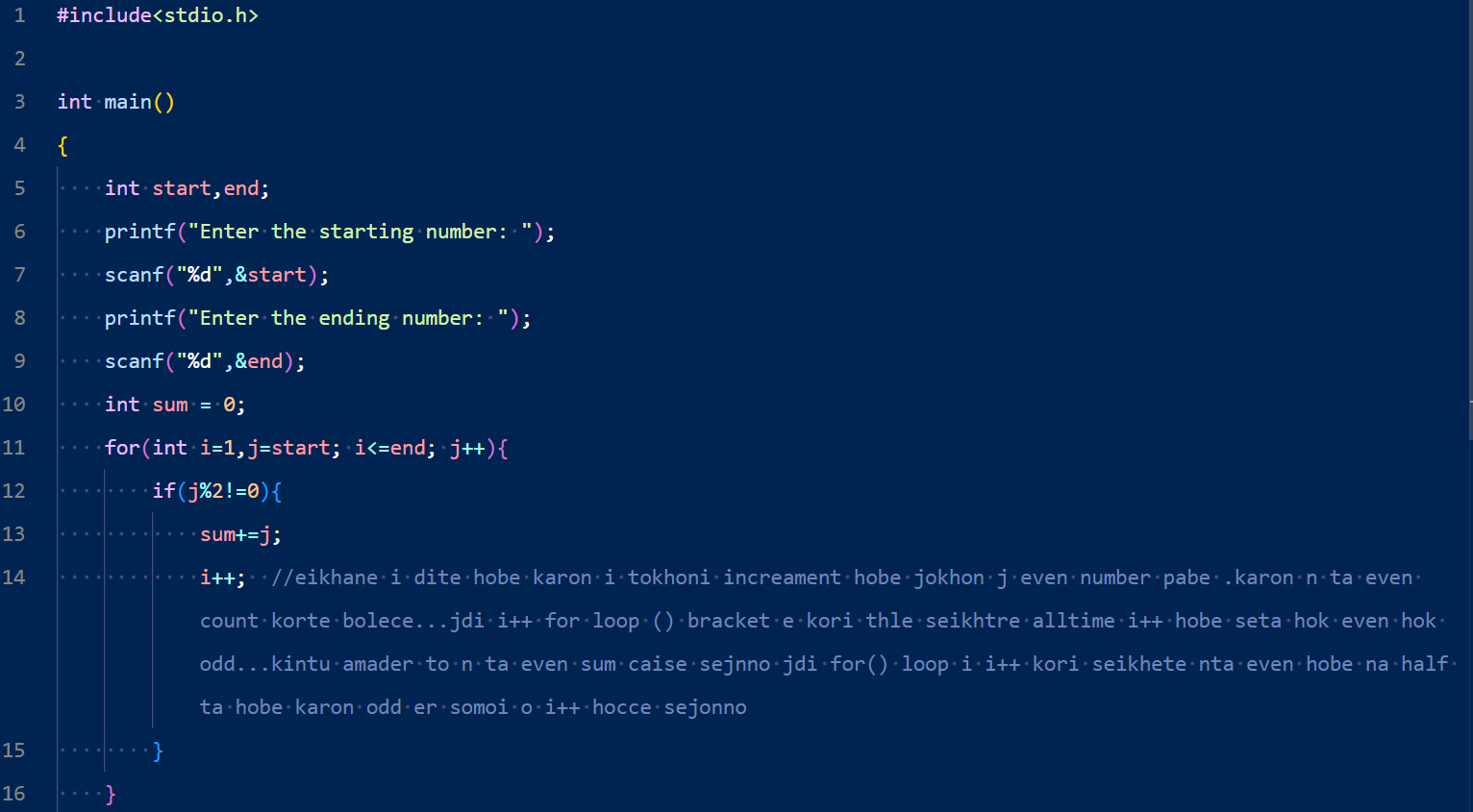
Output:



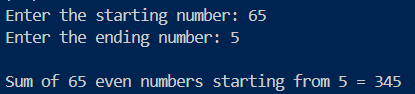
Problem No: 2302056\_123

Problem Name: Write a C program that reads two integers m, n and computes the sum of n odd numbers starting from m.

Input:



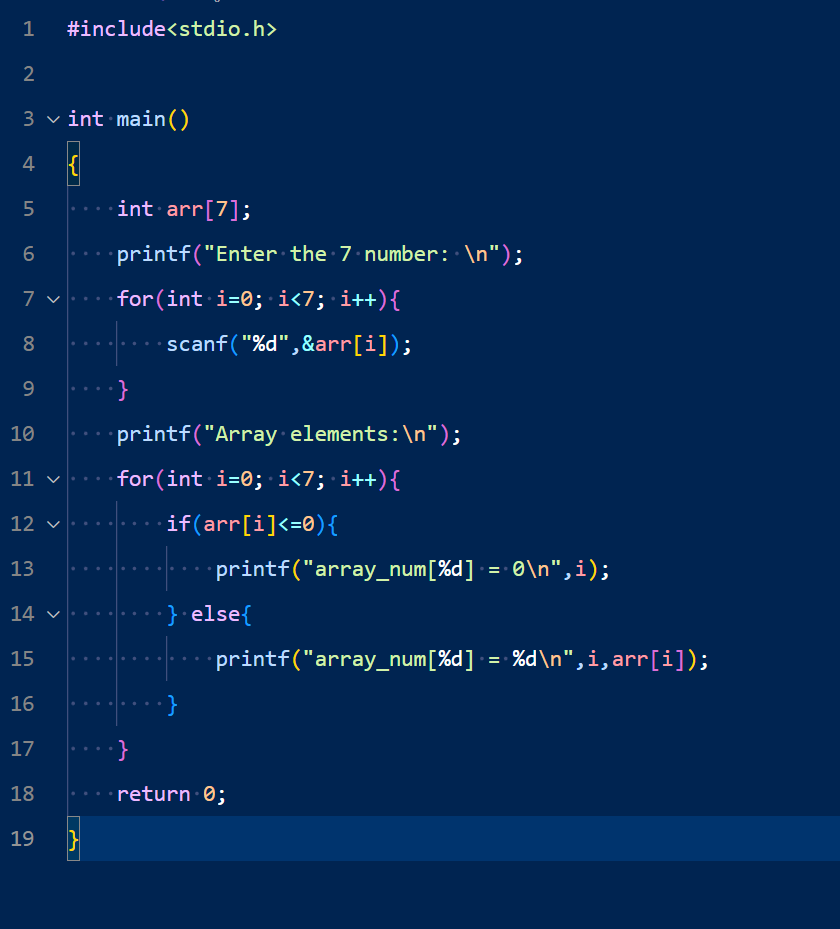
Output:

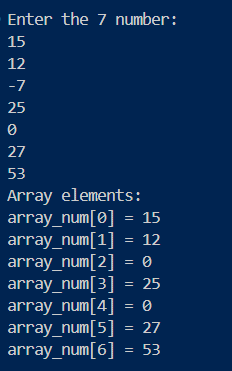


Problem No: 2302056\_124

Problem Name: Write a C program that reads an array of integers (length 7), replaces every negative or null element with 1 and prints the array elements.

Input:

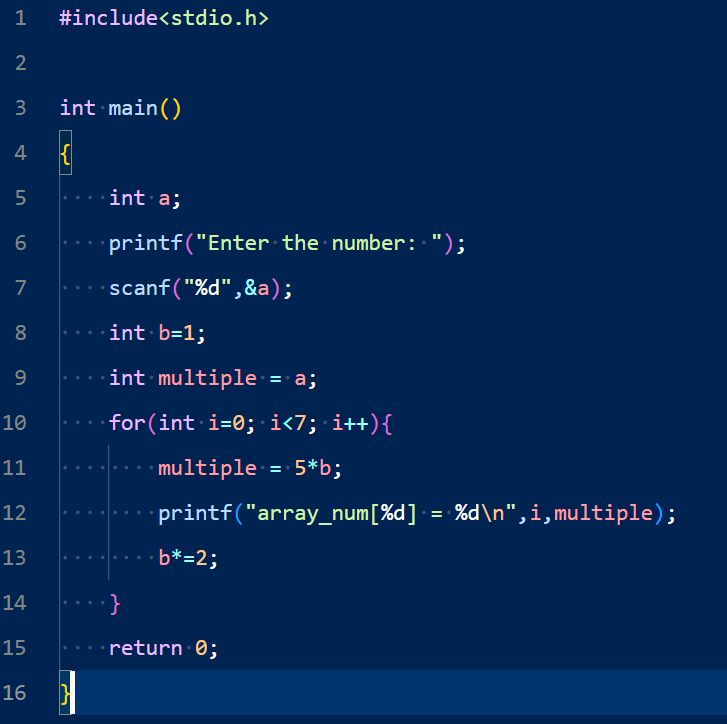
Output:



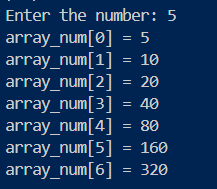
Problem No: 2302056\_125

Problem Name: Write a C program that reads an array of integers (length 7), and replaces the first element of the array by a given number and replaces each subsequent position of the array by the double value of the previous.

Input:



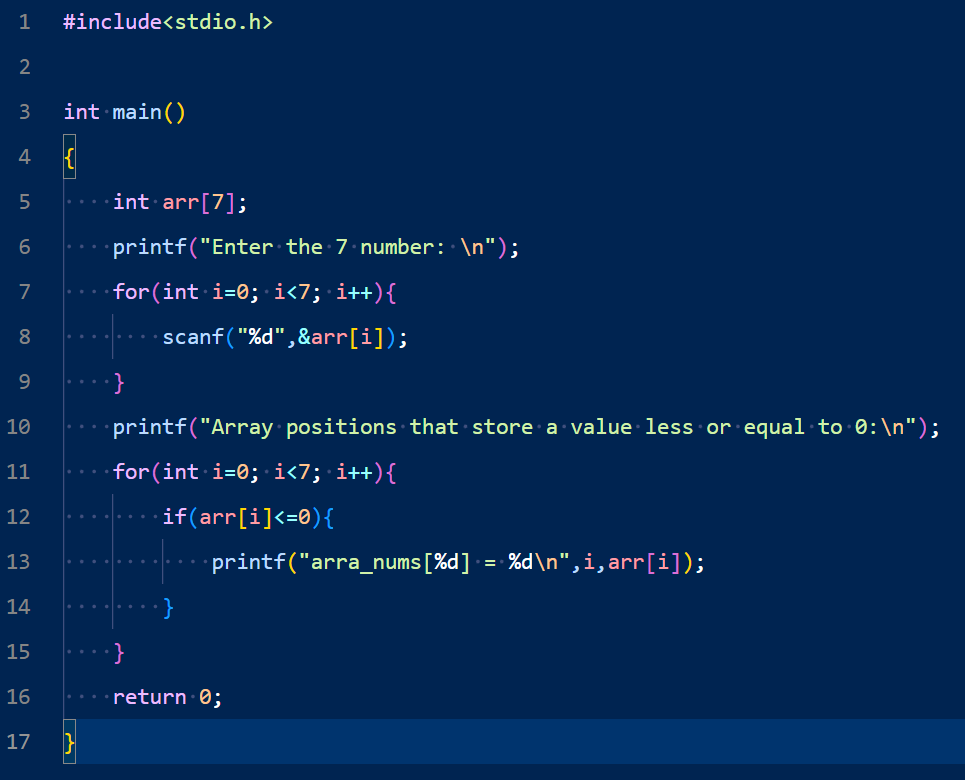
Output:



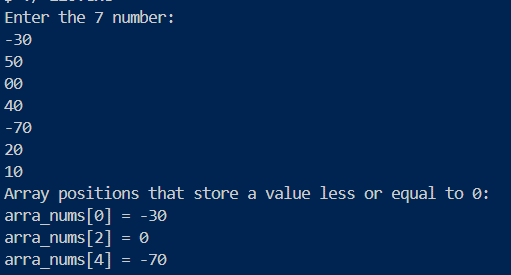
Problem No: 2302056\_126

Problem Name: Write a C program that reads an array (length 7) and prints all array positions that store a value less than or equal to 0.

Input:



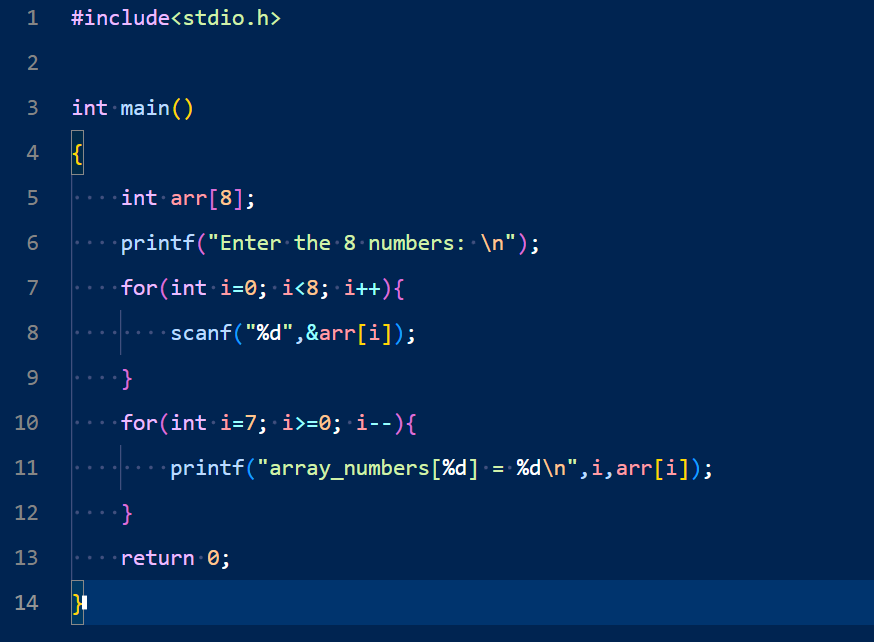
Output:



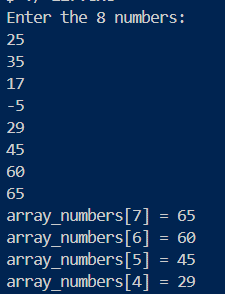
Problem No: 2302056\_127

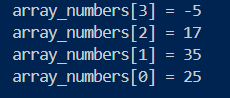
Problem No: Write a C program that reads an array of integers (length 8), replaces the 1st element with the 8th, the 2nd with the 7th and so on. Print the final array.

Input:



Output:

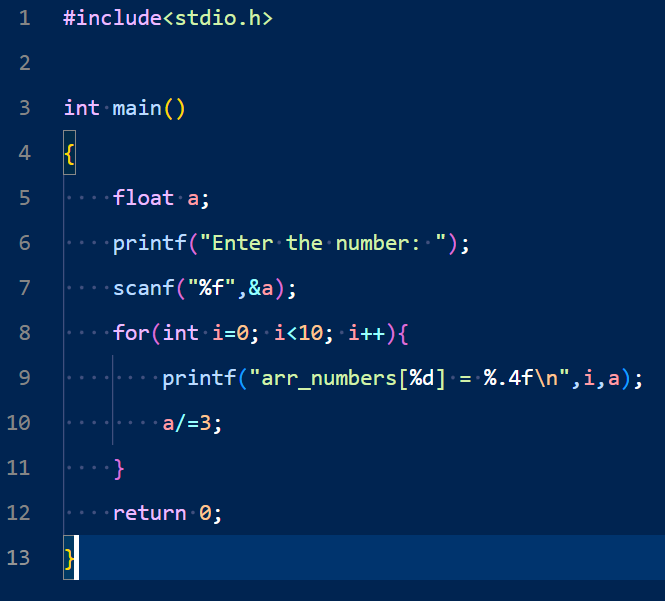




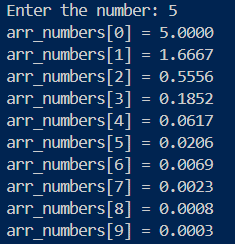
Problem No: 2302056\_129

Problem Name: Write a C program that reads an array (length 10), and replaces the first element of the array by a given number and replaces each subsequent position of the array by one-third the value of the previous.

Input:



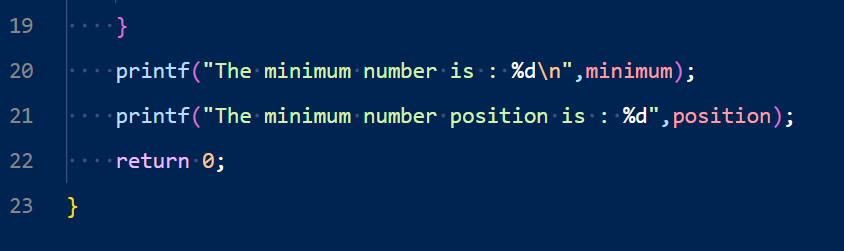
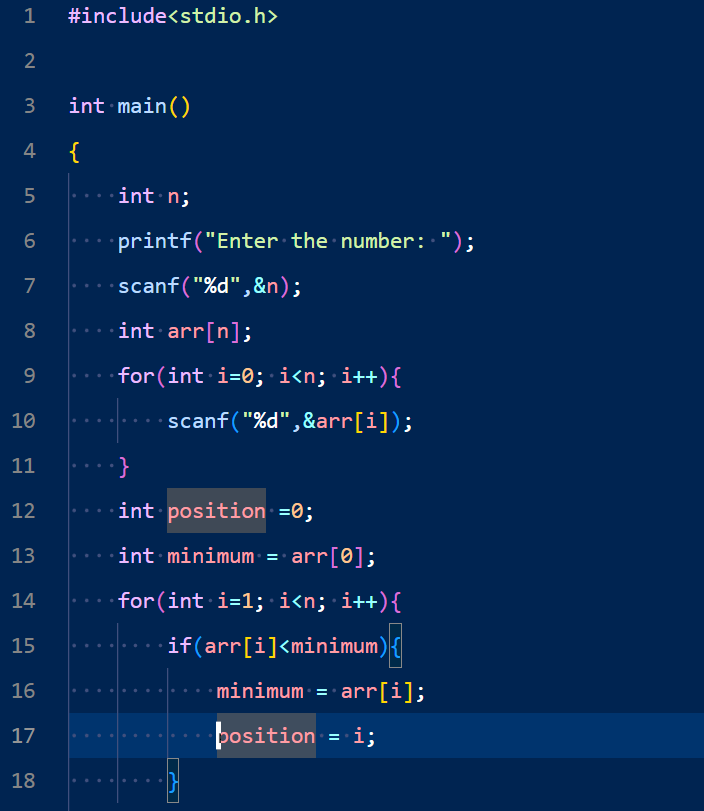
Output:



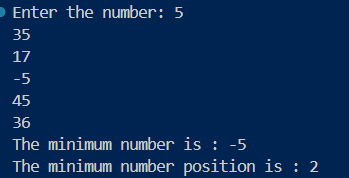
Problem No: 2302056\_130

Problem Name: Write a C program to create an array of length n and fill the array elements with integer values. Find the smallest value and its position in the array.

Input:



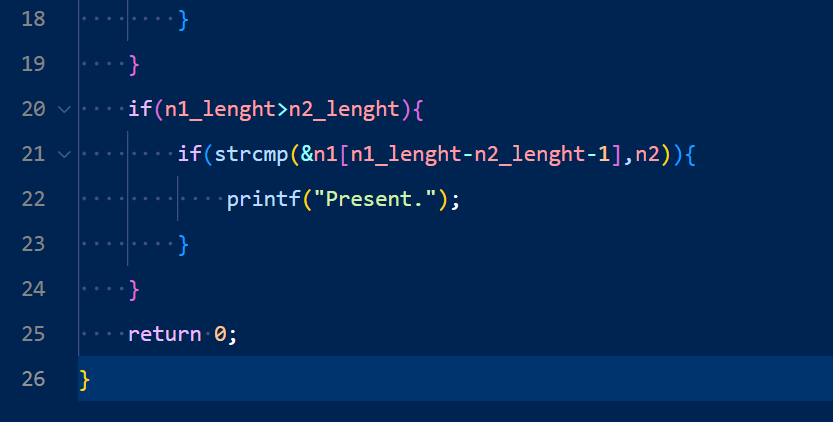
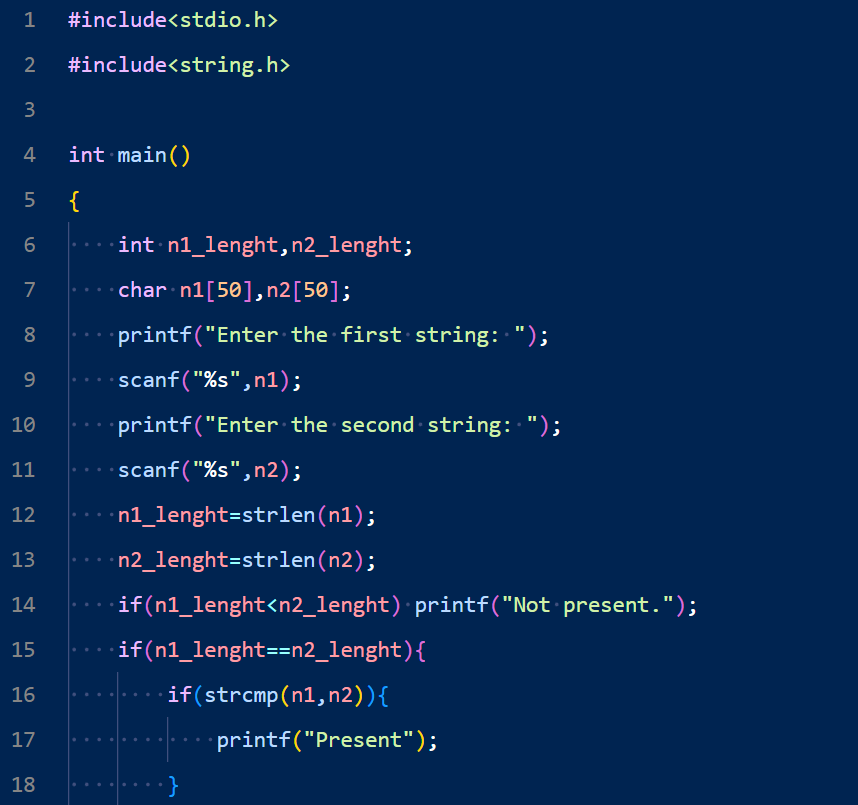
Output:



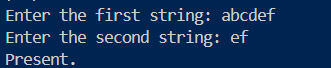
Problem No: 2302056\_131

Problem Name: Write a C program that accepts two strings and checks whether the second string is present in the last part of the first string.

Input:



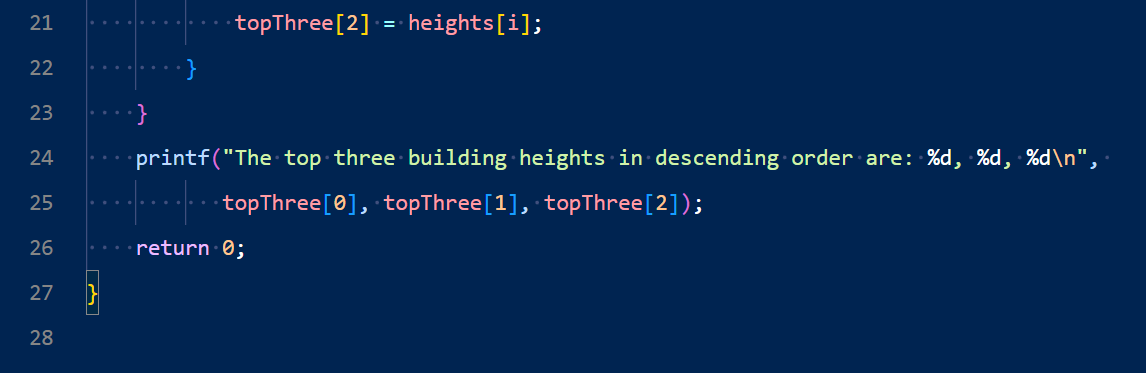
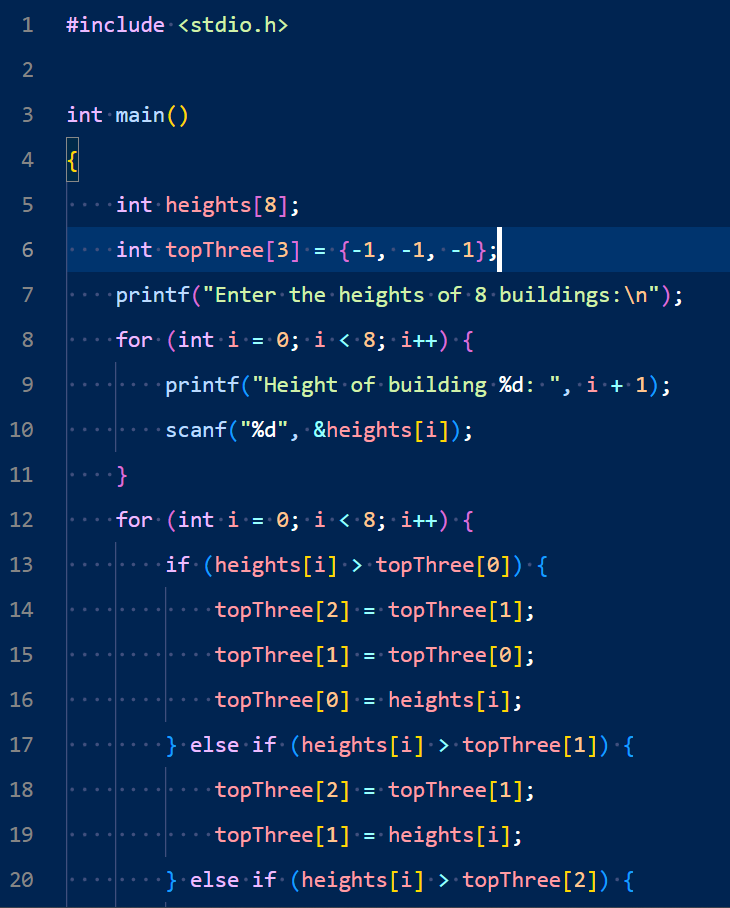
Output:



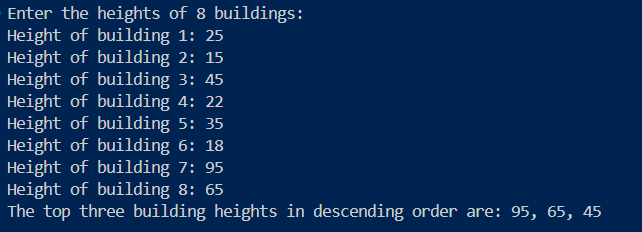
Problem No: 2302056\_132

Problem Name: Write a C program to find the heights of the top three buildings in descending order from eight given buildings.

Input:



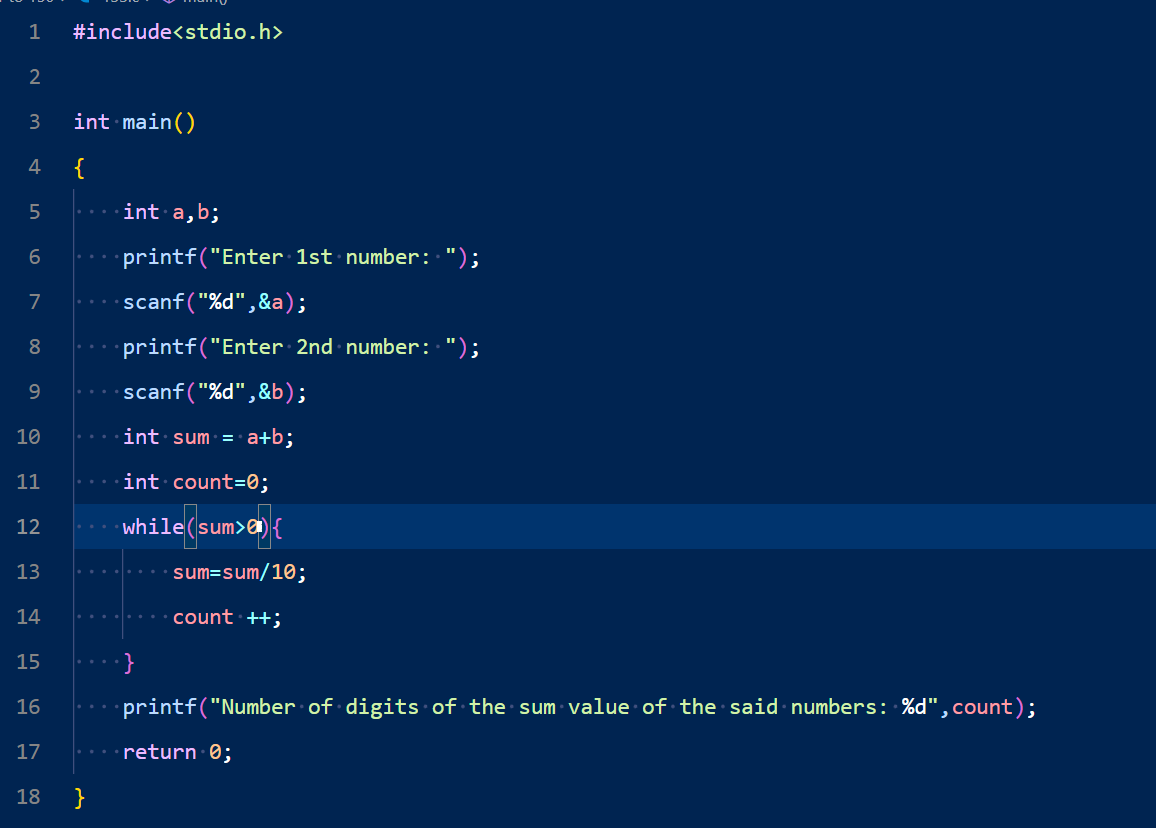
Output:



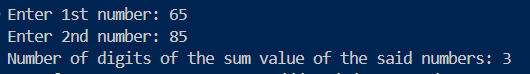
Problem No: 2302056\_133

Problem Name: Write a C program to calculate the sum of two given integers and count the number of digits in the sum value.

Input:



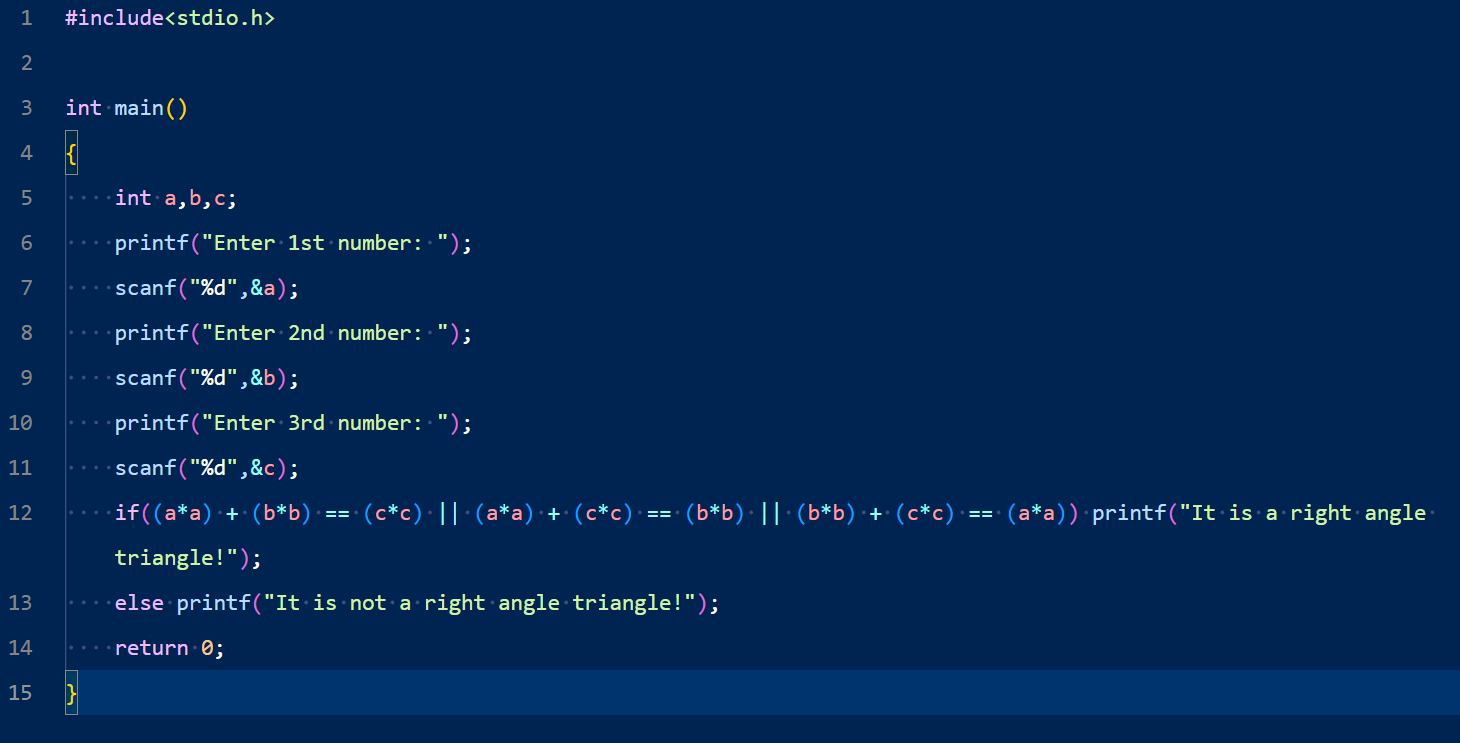
Output:



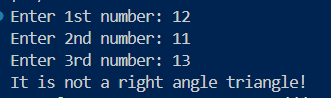
Problem No: 2302056\_134

Problem Name: Write a C program to check whether the three given lengths (integers) of three sides of a triangle form a right triangle or not. Print "Yes" if the given sides form a right triangle otherwise print "No".

Input:



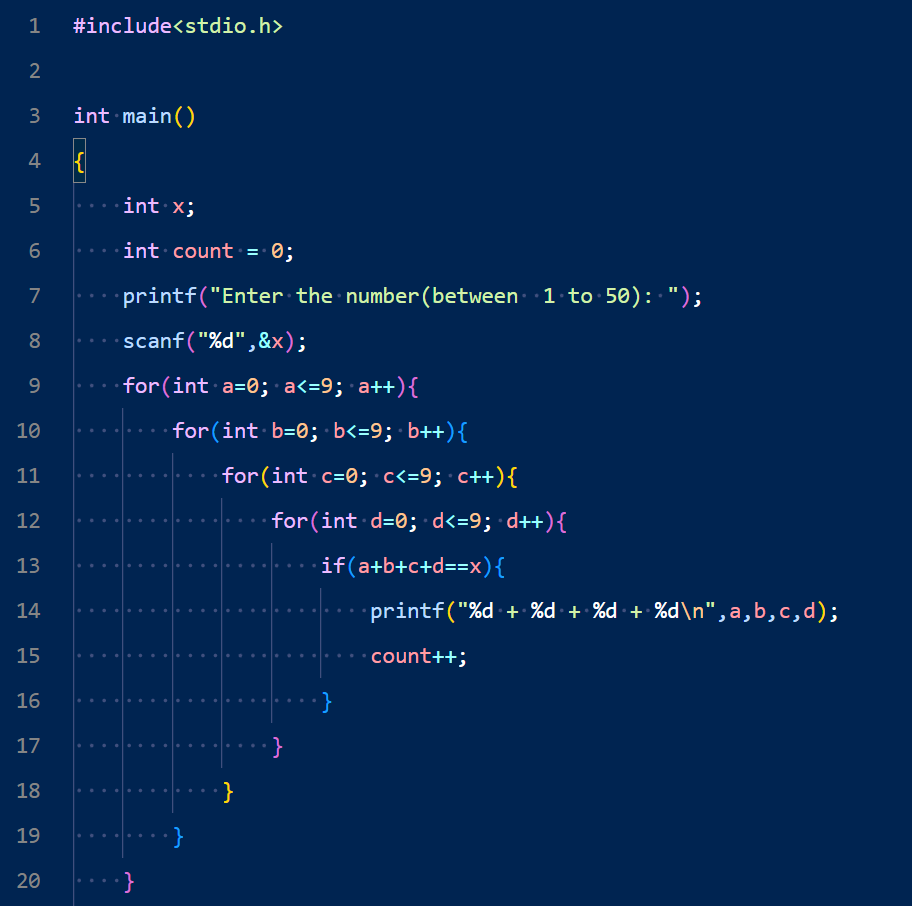
Output:



Problem No: 2302056\_135

Problem Name: Write a C program that reads an integer n and finds the number of combinations of a, b, c and d (0 ≤ a, b, c, d ≤ 9) where (a + b + c + d) will be equal to n.

Input:



A blue screen with white text

Description automatically generated

Output:

A screenshot of a computer screen

Description automatically generated

A screenshot of a computer screen

Description automatically generated

A screenshot of a computer screen

Description automatically generated

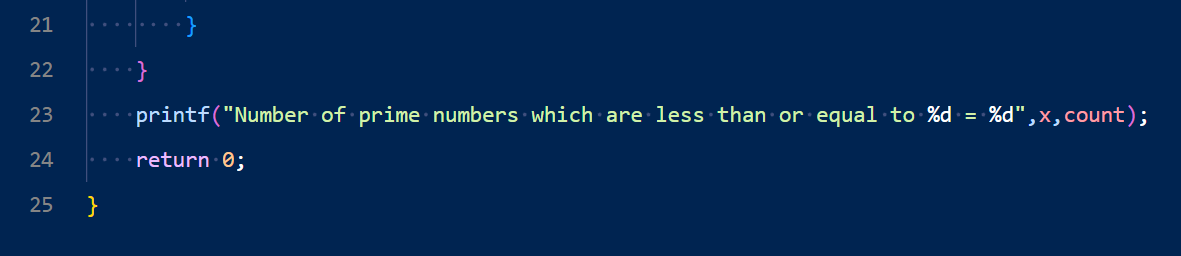
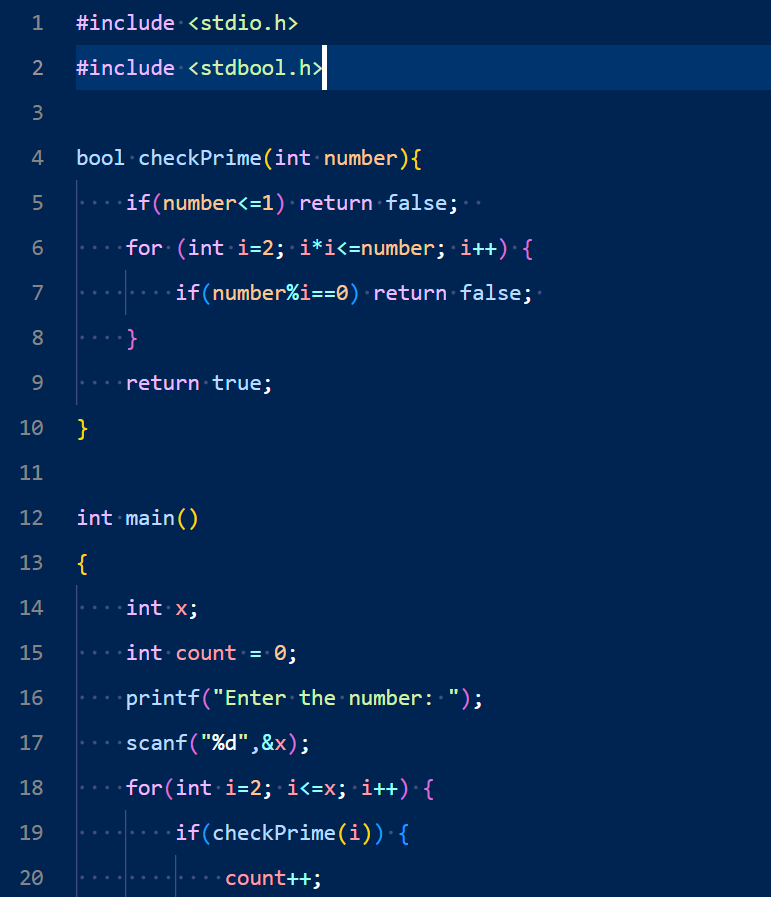
A screenshot of a computer screen

Description automatically generated

Problem No: 2302056\_136

Problem Name: Write a C program to find prime numbers that are less than or equal to a given integer.

Input:



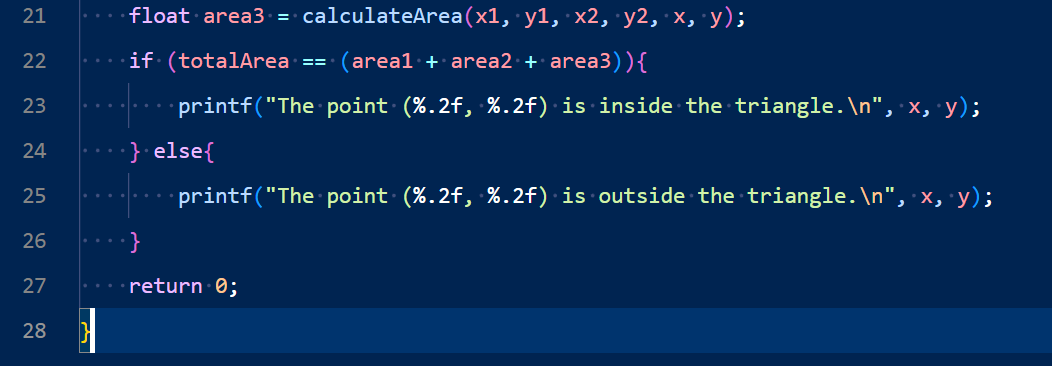
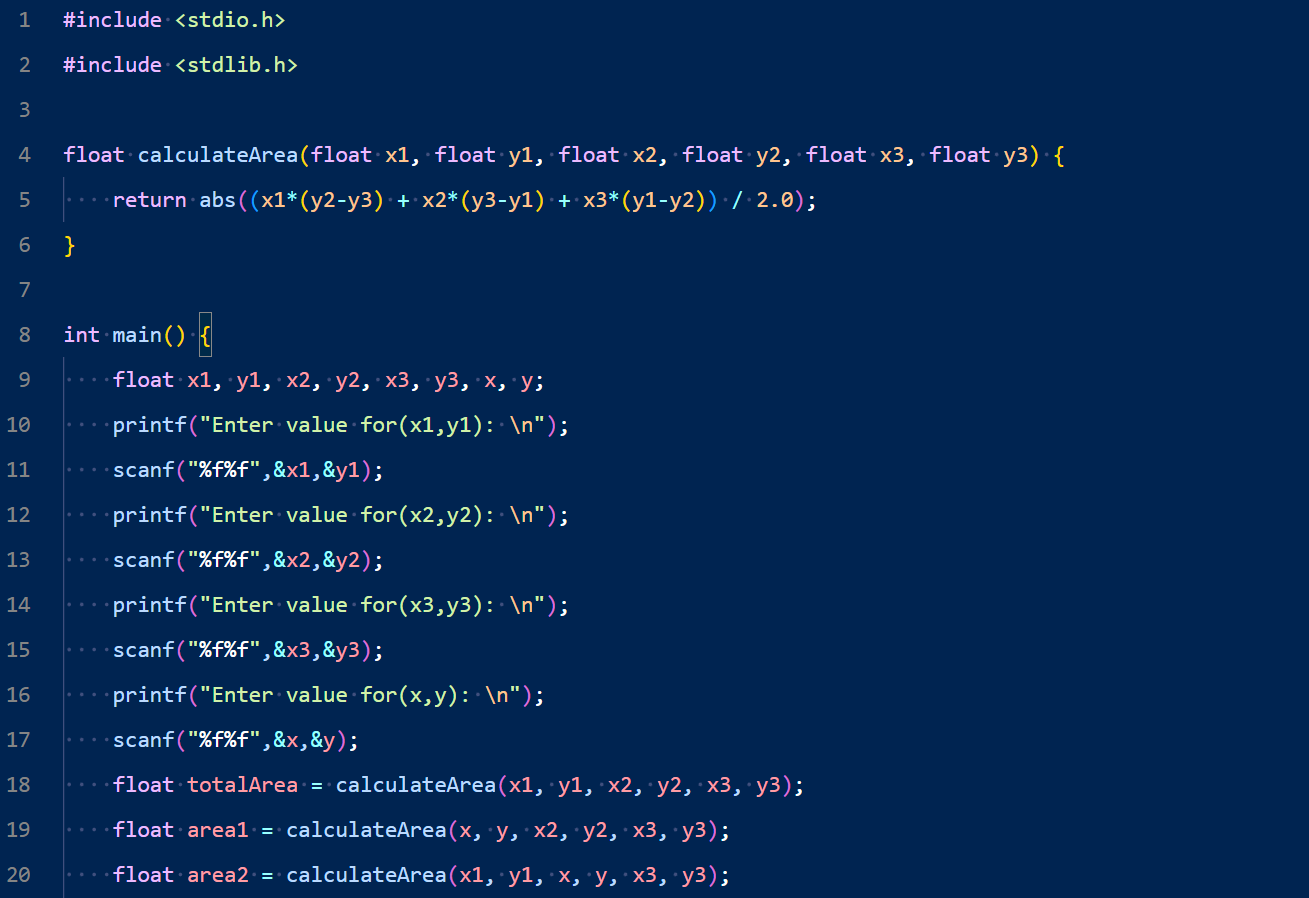
Output:



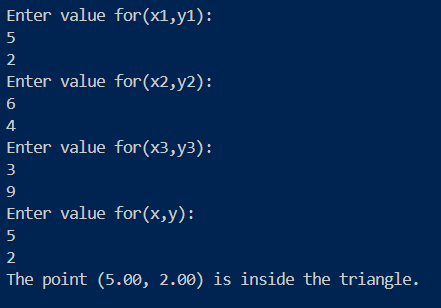
Problem No: 2302056\_137

Problem Name: Write a C program to check if a point (x, y) is within a triangle or not. Three points make up a triangle.  
Input:  
x1,y1,x2,y2,x3,y3,xp,yp separated by a single space

Input:



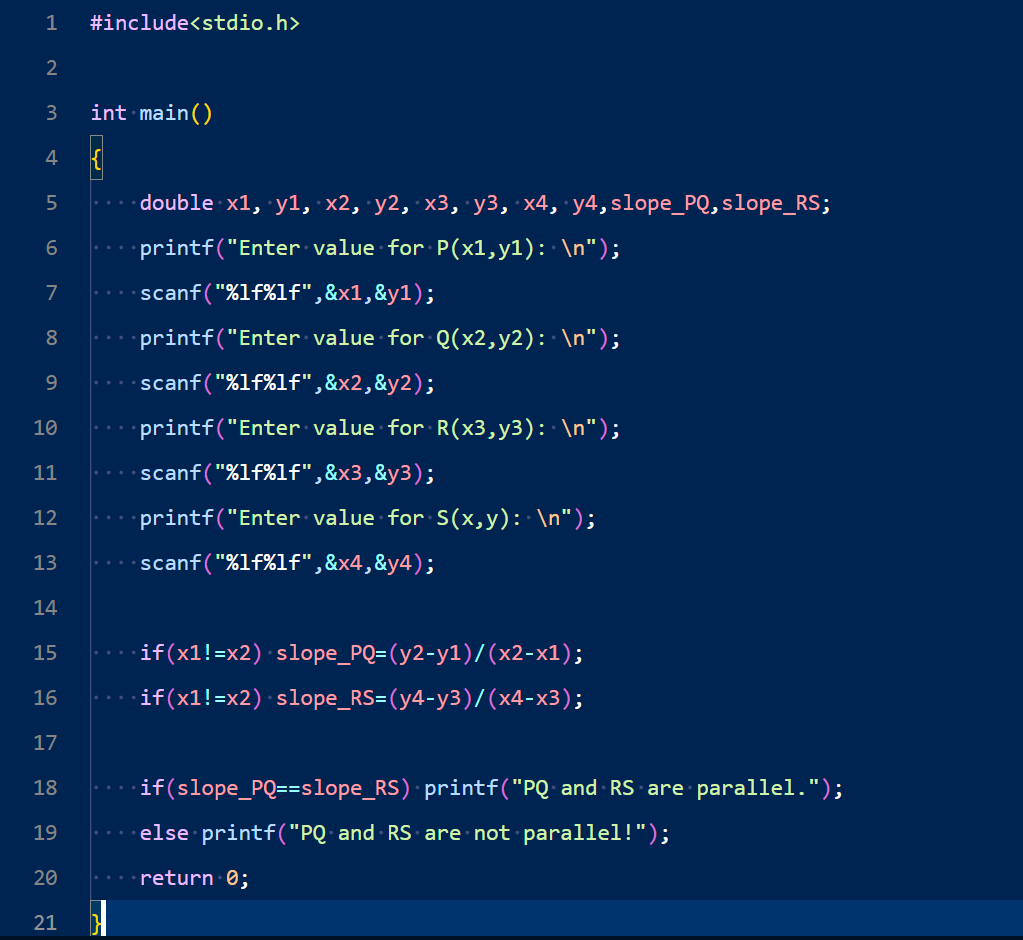
Output:



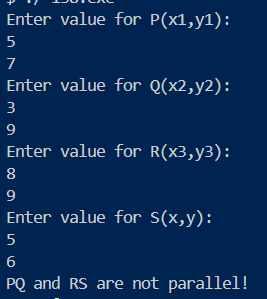
Problem No: 2302056\_138

Problem Name: Write a C program to test whether two lines are parallel or not. The four points are P(x1, y1), Q(x2, y2), R(x3, y3) and S(x4, y4), check PQ and RS are parallel are not.

Input:



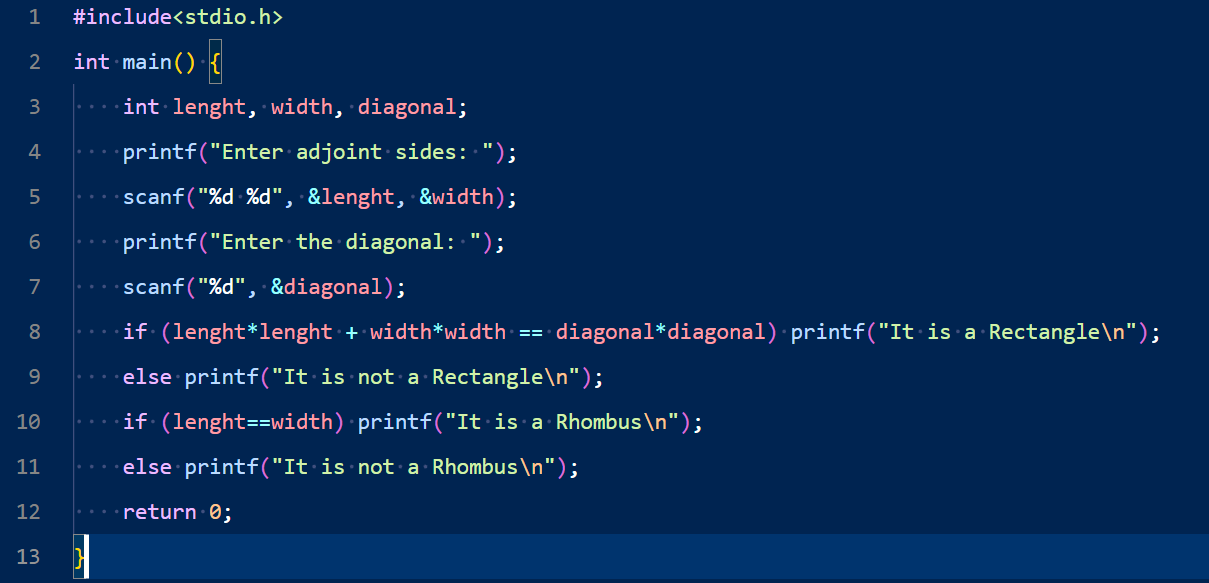
Output:



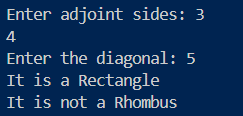
Problem No: 2302056\_142

Problem Name: Write a C program that reads the two adjoining sides and the diagonal of a parallelogram and checks whether the parallelogram is a rectangle or a rhombus.

Input:



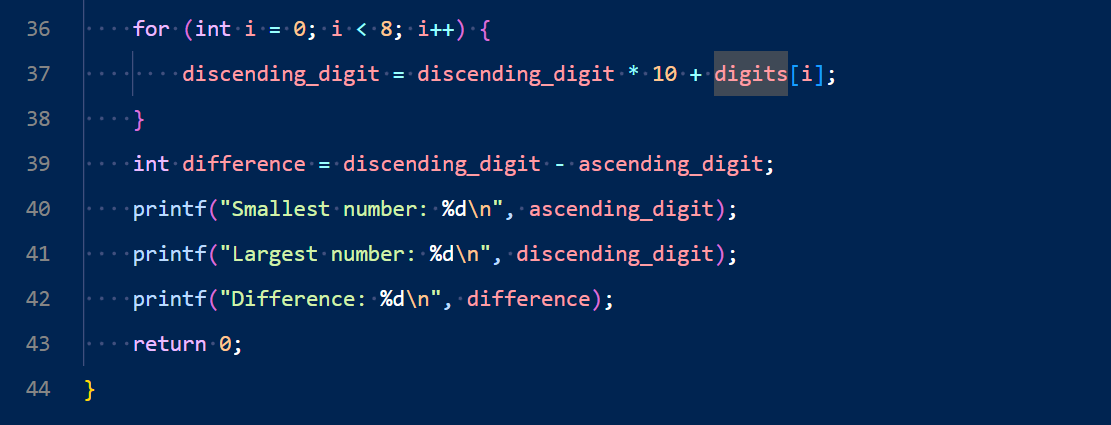
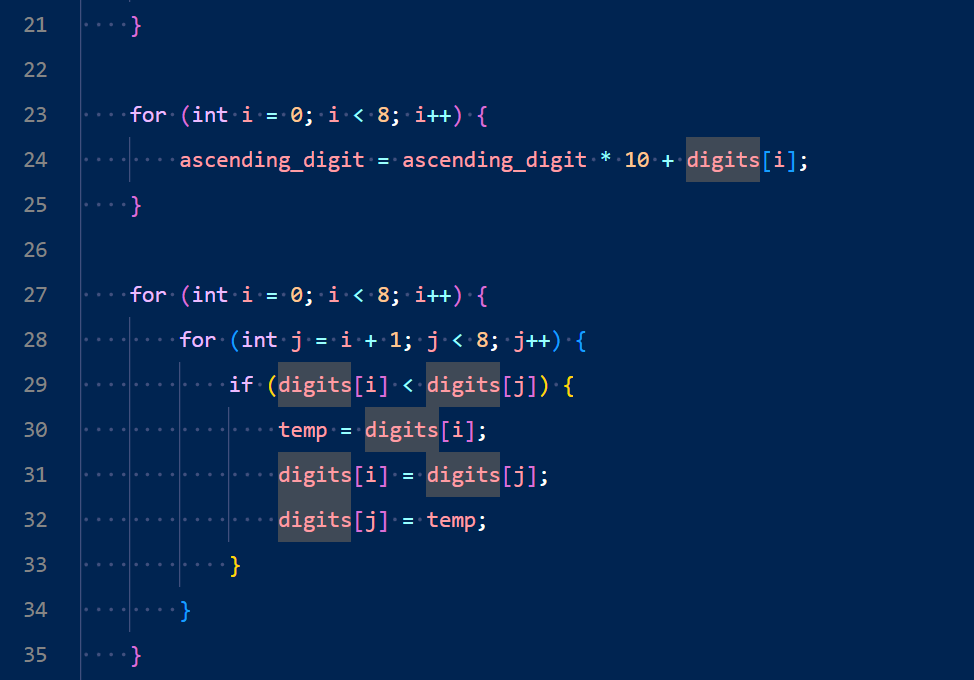
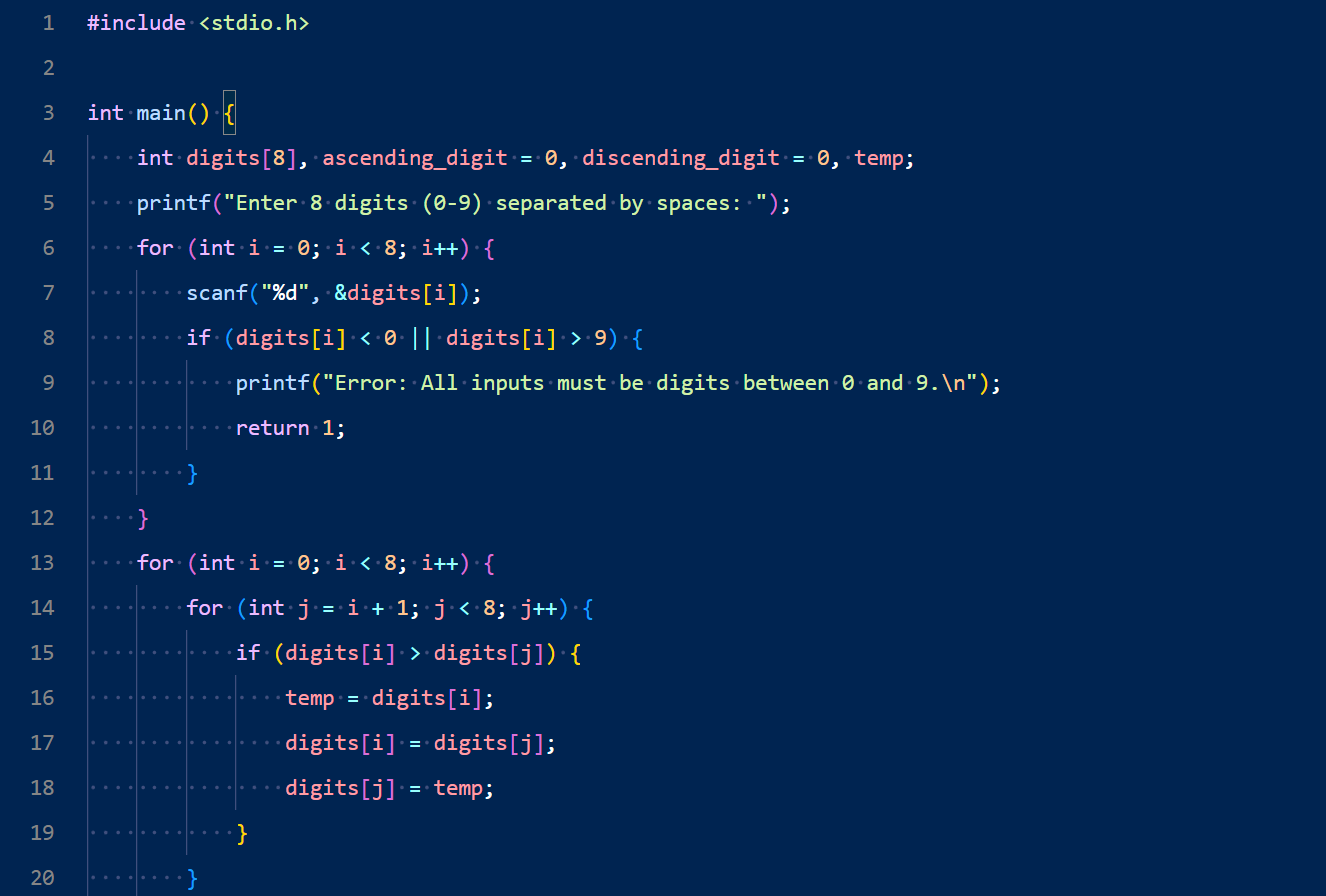
Output:



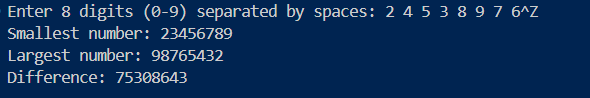
Problem No: 2302056\_143

Problem Name: Write a C program to find the difference between the largest integer and the smallest integer, which are created by 8 numbers from 0 to 9. The number that can be rearranged shall start with 0 as in 00135668.

Input:



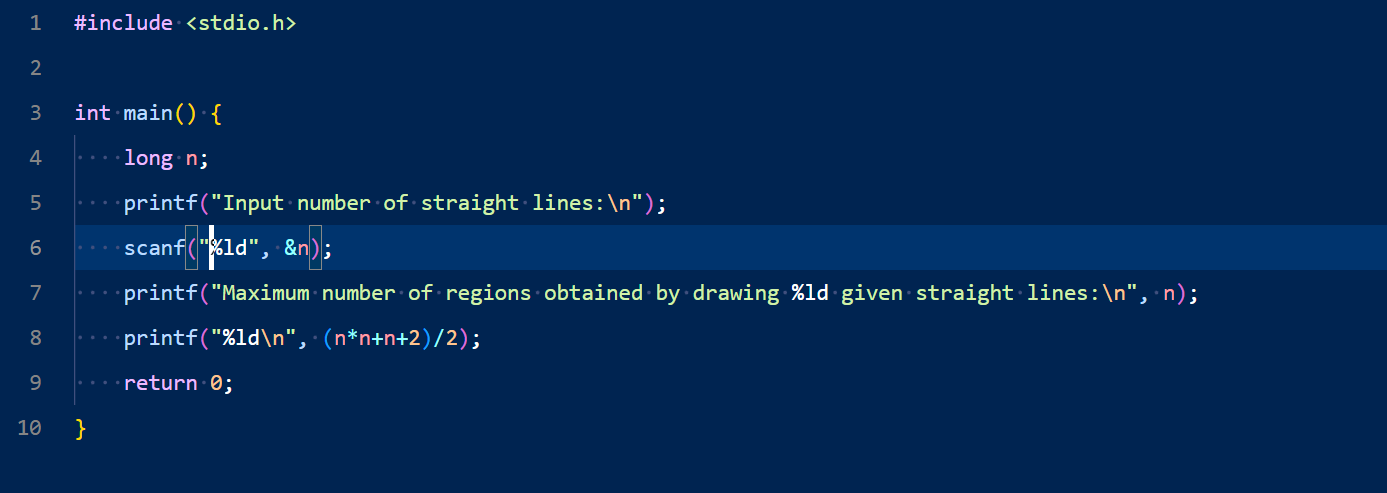
Output:



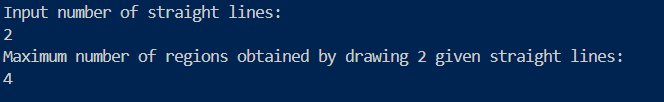
Problem No: 2302056\_144

Problem Name: Write a C program to create the maximum number of regions obtained by drawing n given straight lines.

Input:



Output:



Problem No: 2302056\_145

Problem Name: