**Programming Fundamentals**

**Lab Report**

**Lab 06**



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| Group Members Name & Reg #: | **Muhammad Haris Irfan**  **(FA18-BCE-090)** |
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| Class | Programming Fundamentals CSC103 (**BCE-2B**) |
| Instructor’s Name | Dilshad Sabir |

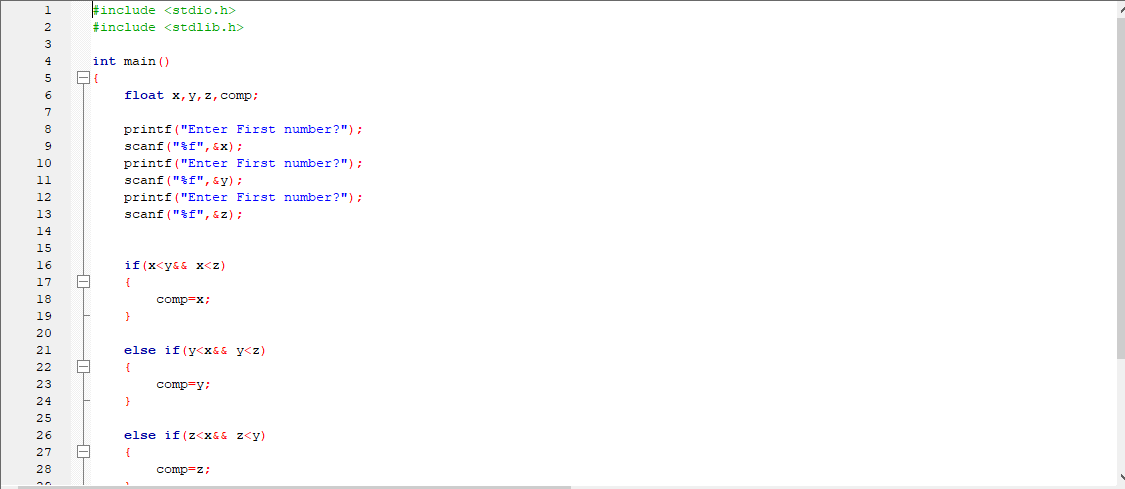
**In Lab Tasks**

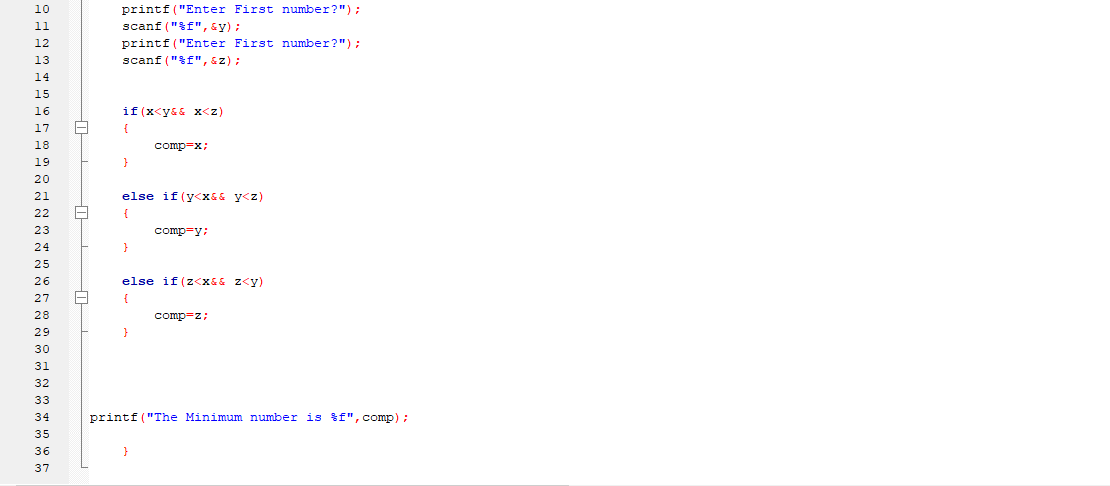
**Question no: 1**

Write a C program that takes three inputs (floating type) from user and find the minimum number and print it on screen.(Do not use min or max c function)

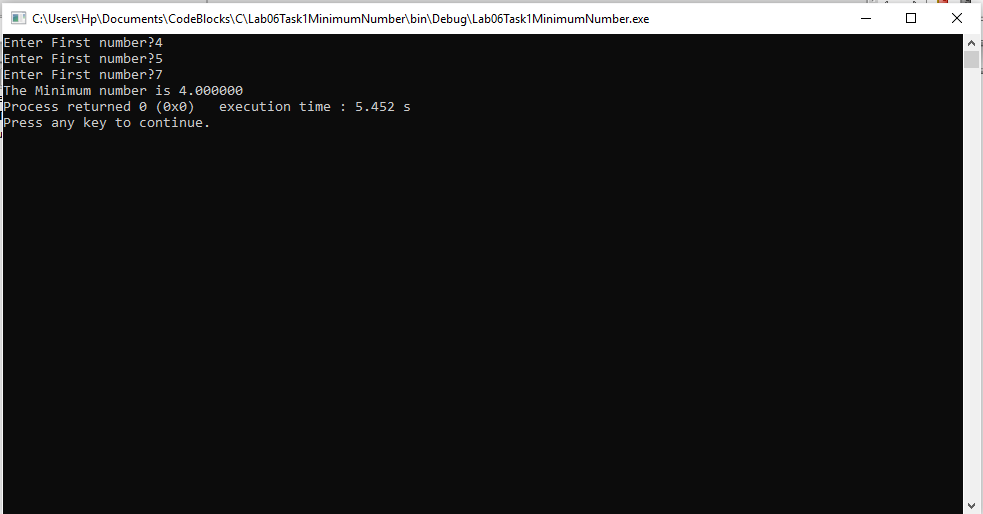
**Solution:**

In this Program I asked the user to give three floating point numbers and then compared all using if/else statement and printed the minimum number on screen, code is attached below.





I tested the program for the value 4, 5 and 6 and it gave 4 as the lowest number.

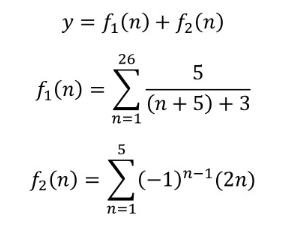


Hence, our program is correct.

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**Question no: 2(a)**

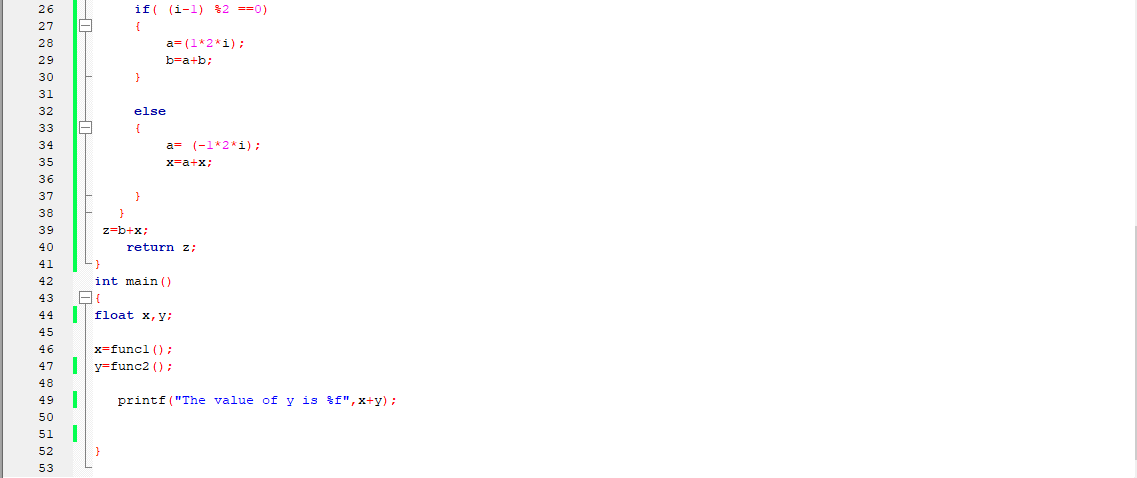
Write a C program that input value of 𝑛 and calculate the value of 𝑦 then print its value in main program on screen. Write separate functions to implement Functions.



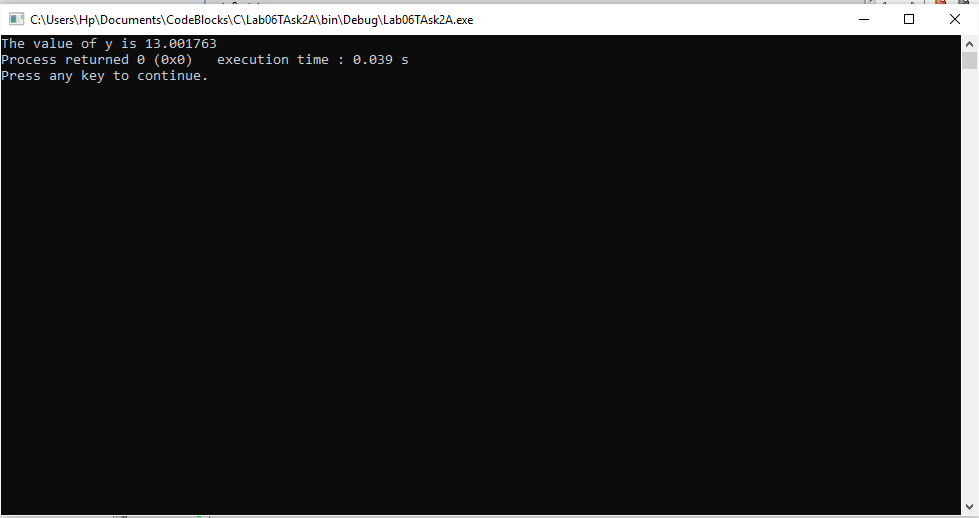
Solution

In this program I made two separate functions, and then added their sum, the code is attached below,





The value of the code is shown below,

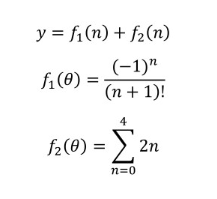


Hence, our code is correct.

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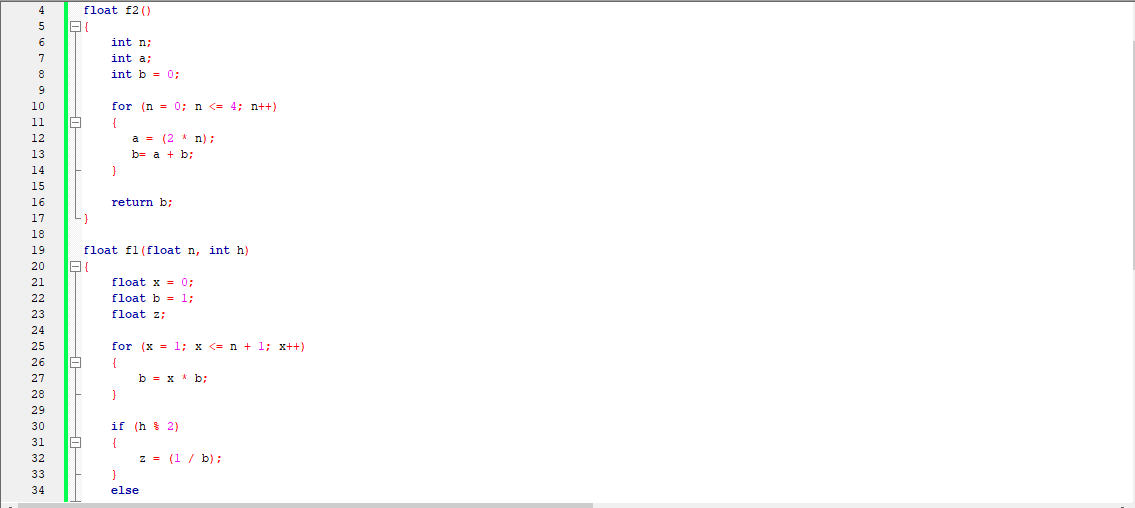
**Question no: 2(b)**

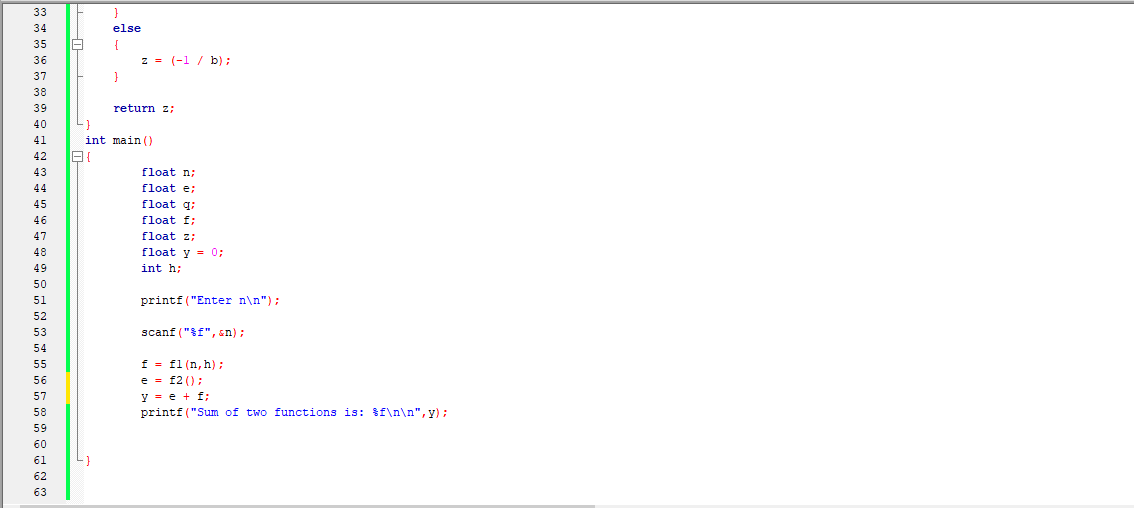
1. Modify the above program to calculate the value of 



**Solution**

In this program I made two functions, then took a value n from the user then added the individual result of these programs and printed it, code is attached below.





The result for value of n=123, is shown below.



Hence, Our code is correct.

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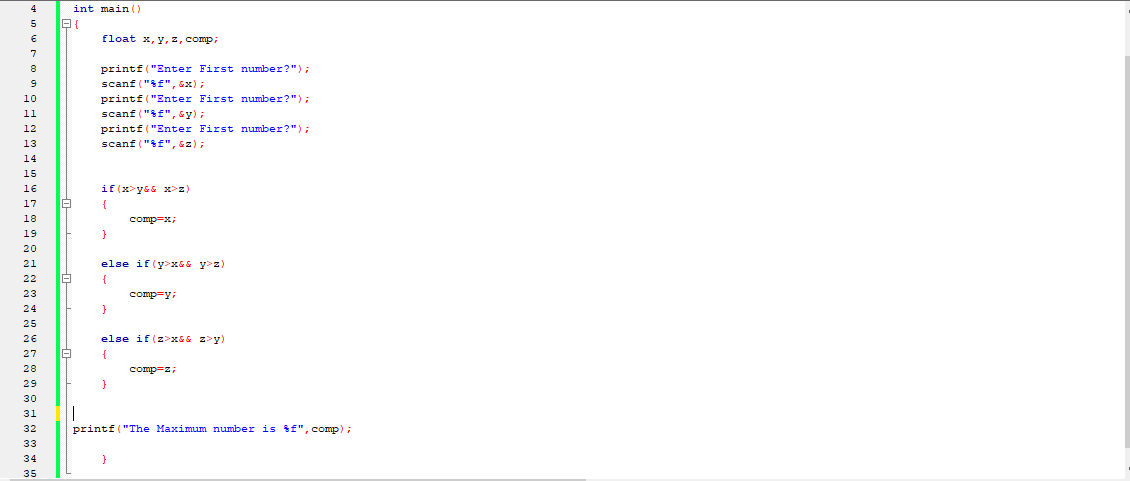
POST LAB

Question:

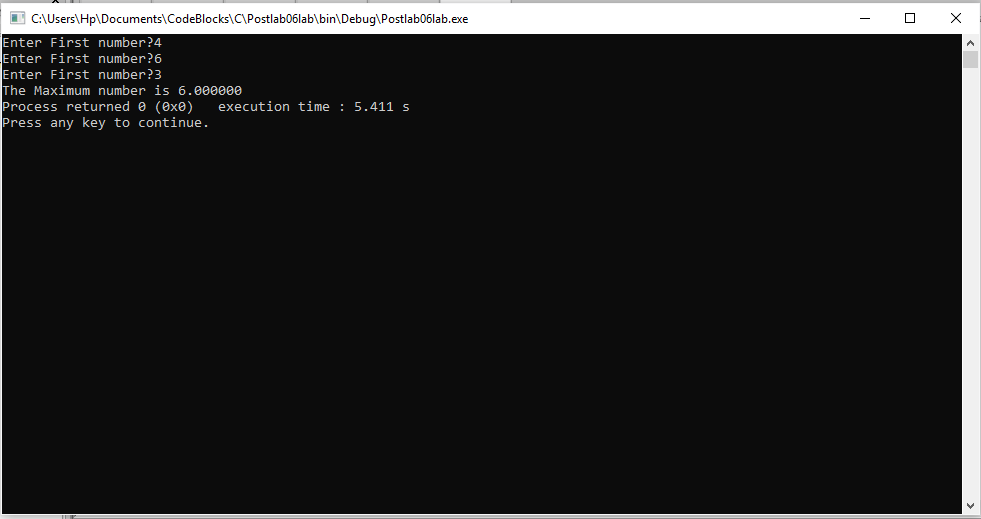
Write a C program that takes three inputs (floating type) from user and find the maximum number and print it on screen. (Do not use min or max c function)

Solution:

In this program I asked user to input three floating numbers and outputted the maximum number using if/else statement, code is attached below.



I tested the code for values 4,6, and 3 and it outputted 6 as the highest value.



Hence, our code is correct.

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THE END