UNIVERSITY OF ENGINEERING AND TECHNOLOGY,TAXILA

SOFTWARE ENGINEERING

LAB 4 SOLUTION

SUBMITTED TO : MS.SABA AWAN

SUBMITTED BY : MUHAMMAD ARSALAN

REG NO : 20-SE-56

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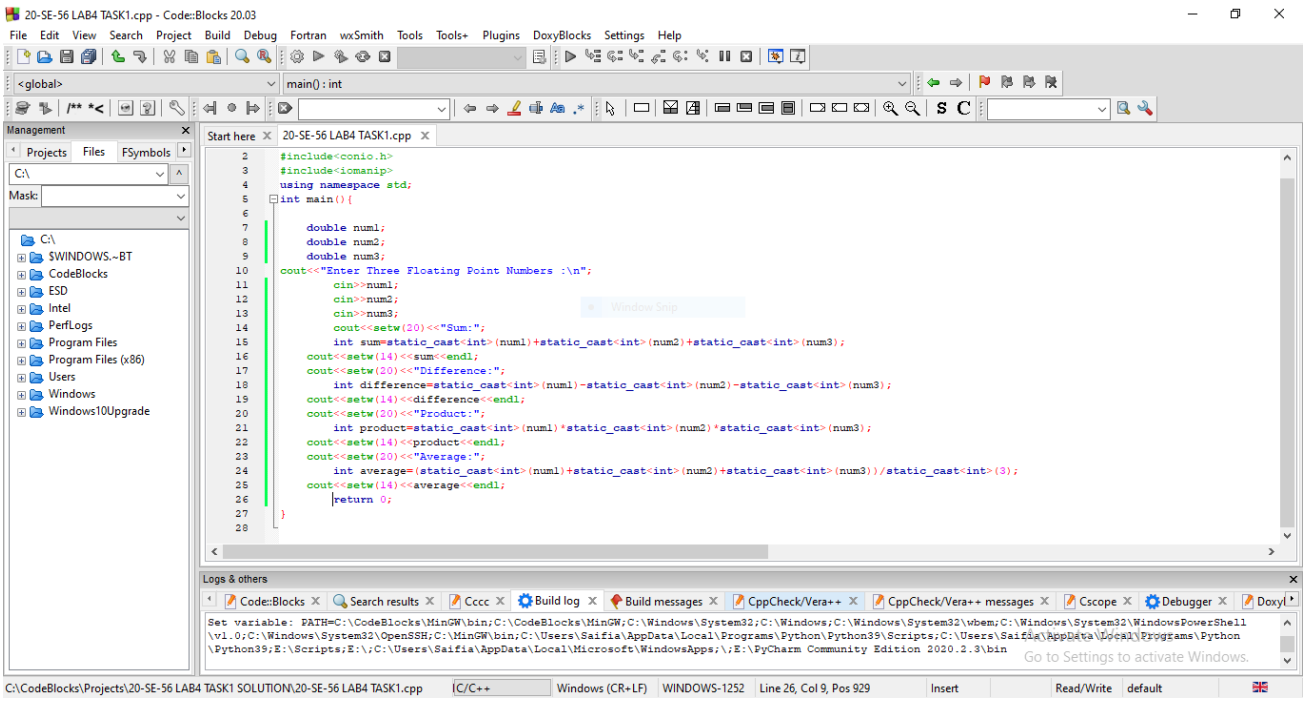
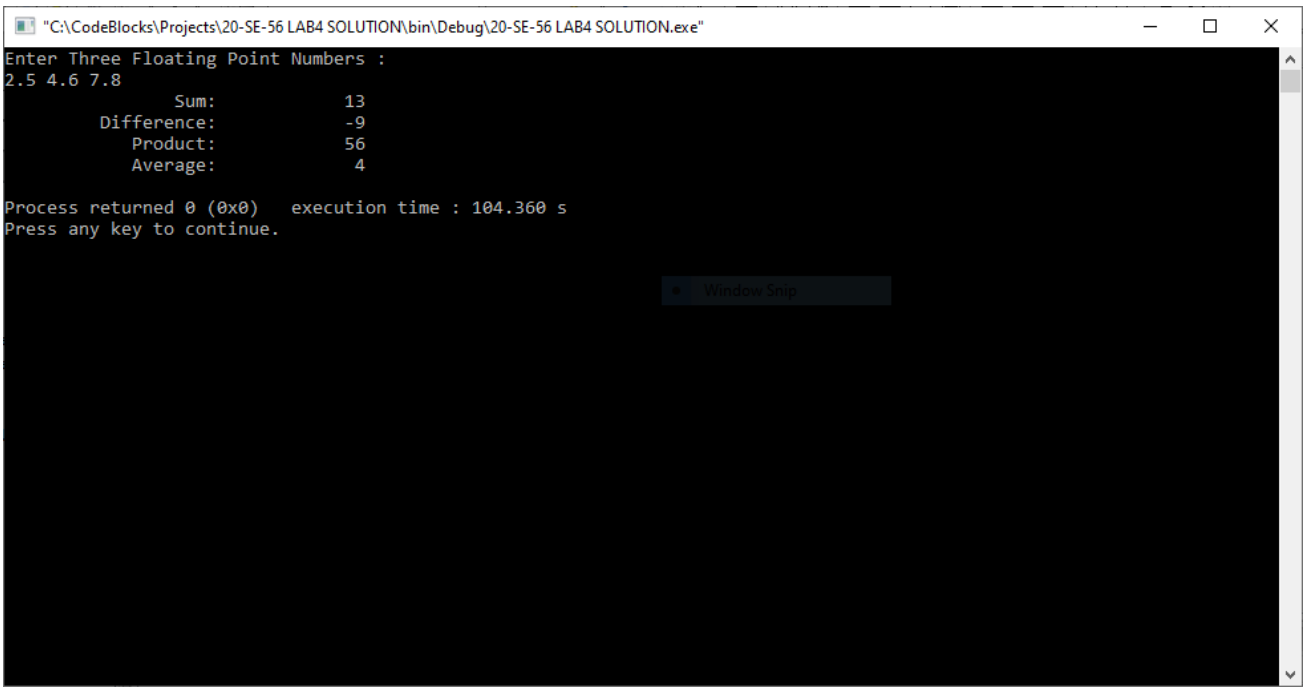
TASK-1

- Write a program that asks the user to enter **3 double type numbers** and then prints the **sum, difference, product and average** of these integers after **type casting** of these numbers into **integers** at the time of operation. Use **setw ()** manipulator to display the output properly.

SOLUTION





TASK-2

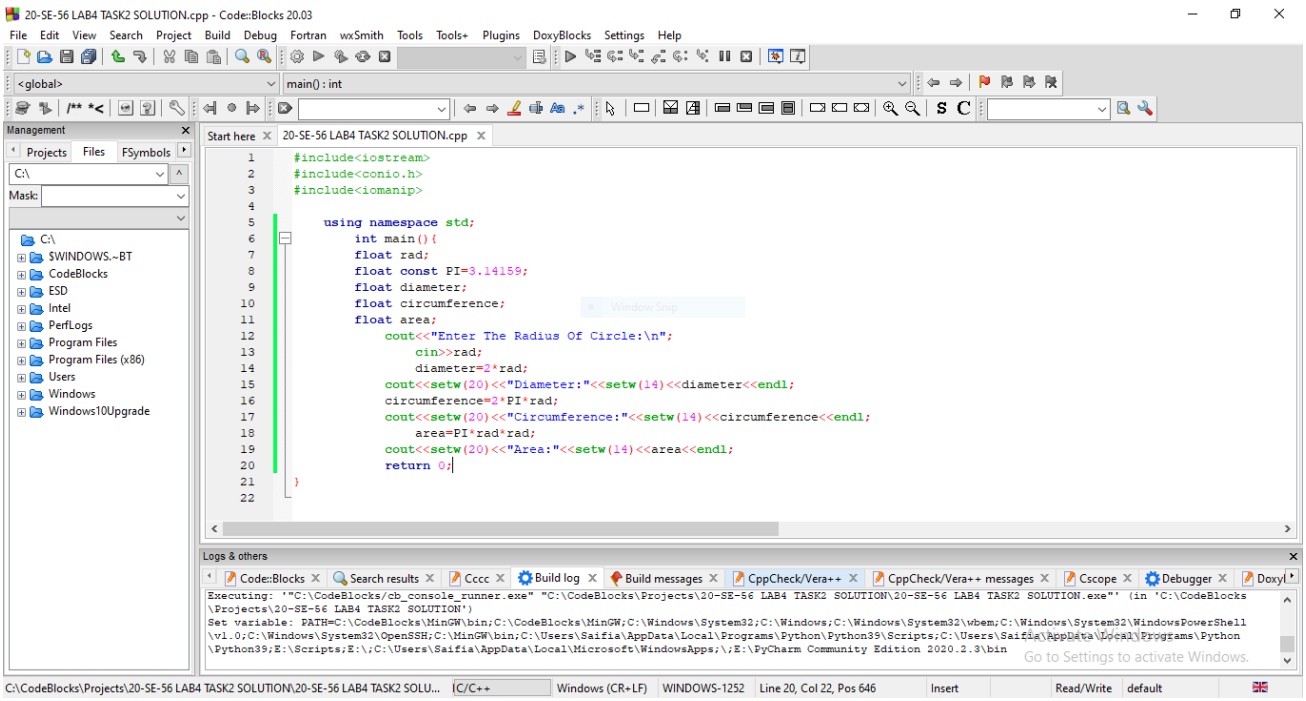
Write a program that reads in the radius of a circle and prints the circle's diameter, circumference and area. Use the constant value 3.14159 for PI. Do these calculations in output statements and format using setw(). Use following formulas:

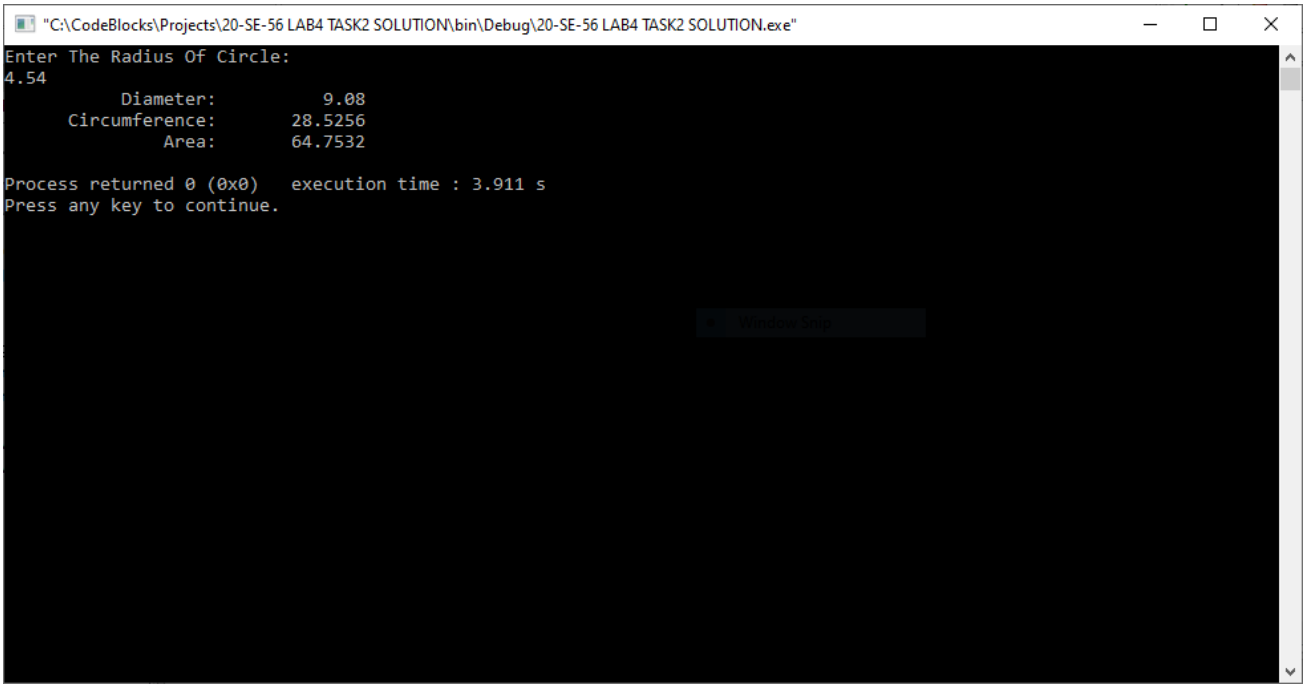
Diameter = $2r$

Circumference = $2\pi r$

Area = $\pi r2$

SOLUTION




"C:\CodeBlocks\Projects\20-SE-56 LAB4 TASK2 SOLUTION\bin\Debug\20-SE-56 LAB4 TASK2 SOLUTION.exe"
Enter The Radius Of Circle:
4.54
Diameter: 9.08
Circumference: 28.5256
Area: 64.7532
Process returned 0 (0x0) execution time : 3.911 s
Press any key to continue.