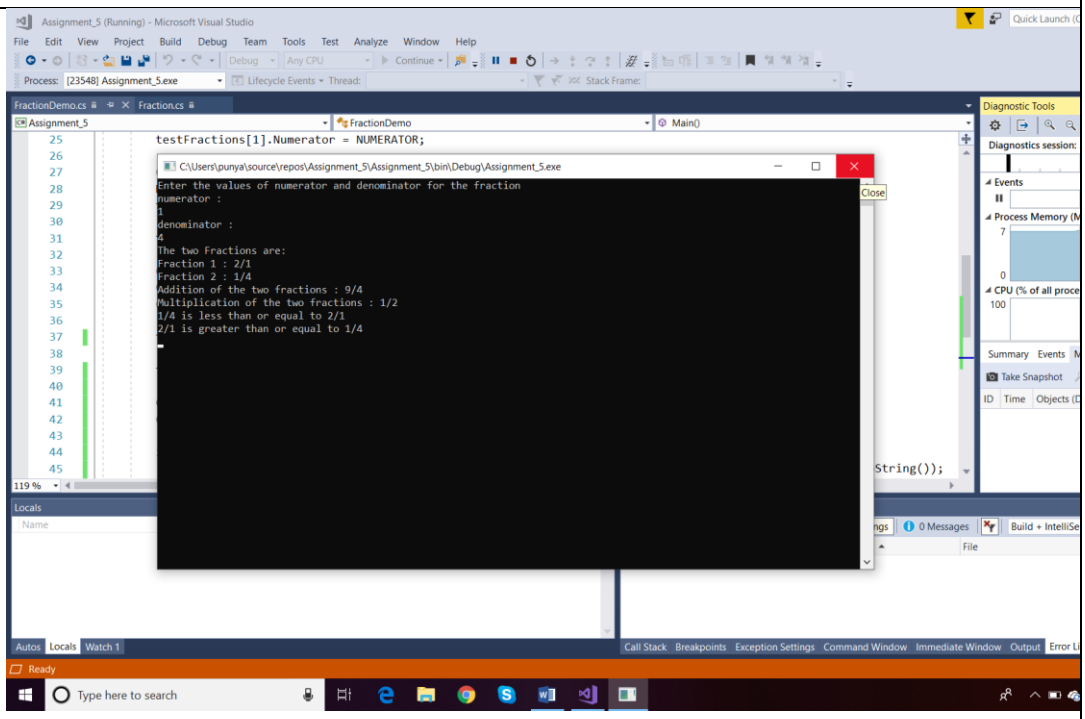
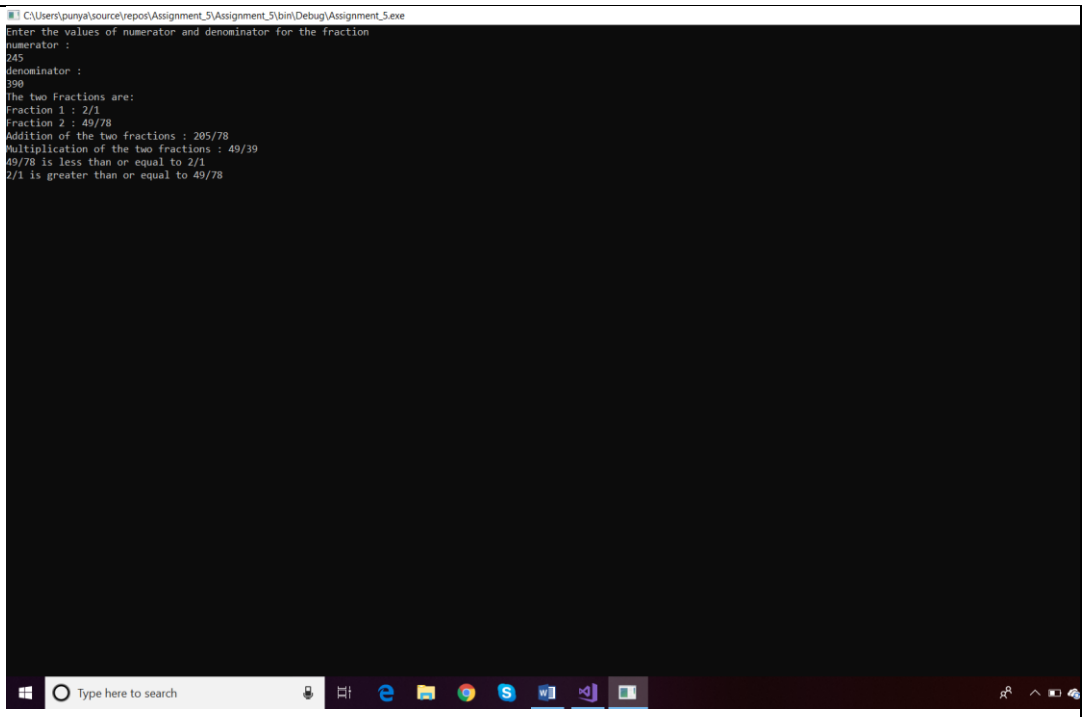
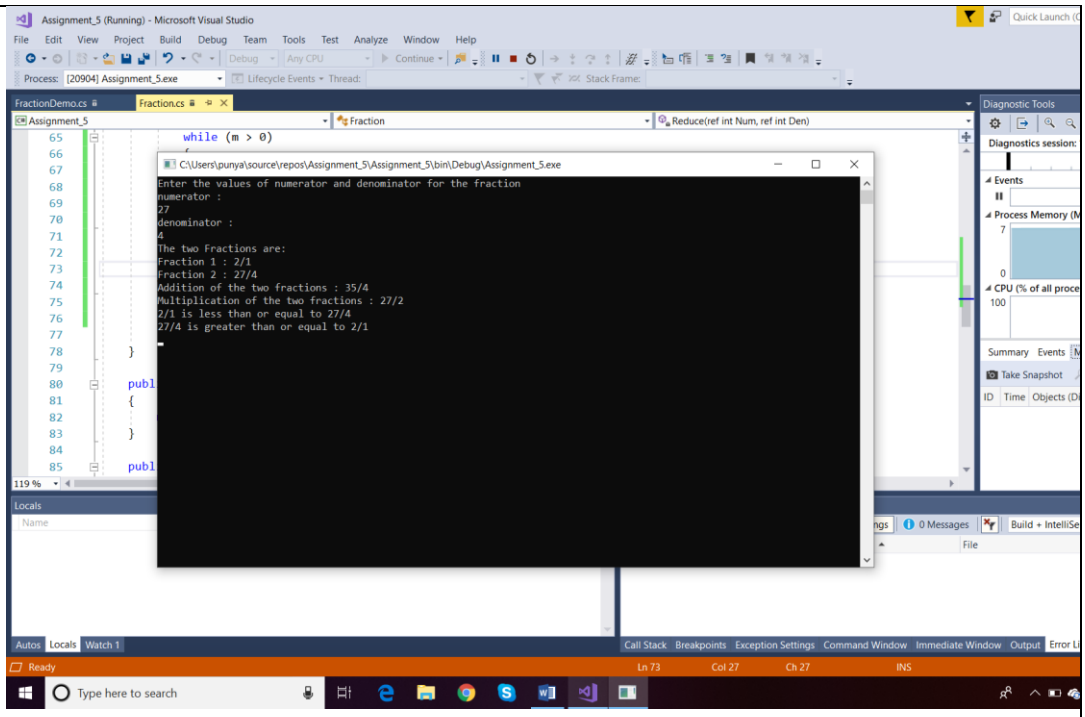
Testing Documentation

Test 1	
Description	Entering a reduced fraction
Input	1, 4
Expected Output	2/1, ¼, 9/4, ½, ¼ is less, 2/1 is greater
Actual Output	

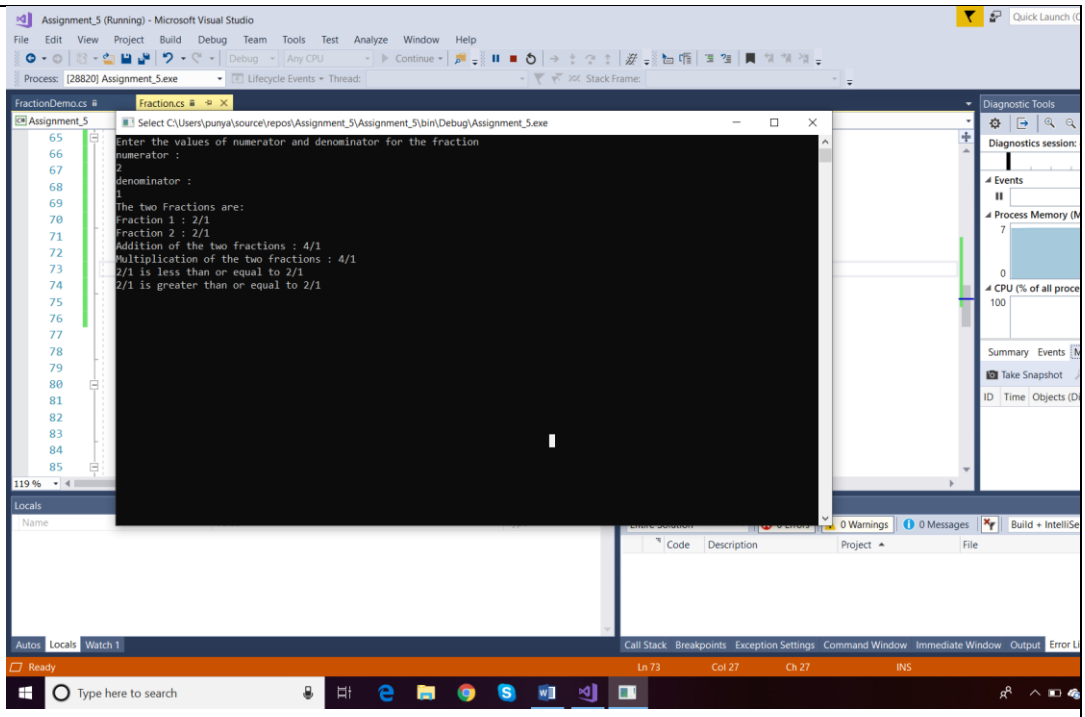
Test 2	
Description	Enter a fraction that can be reduced
Input	245,390
Expected Output	2/1, 49/78, 205,78, 49/39, 49/78 is less, 2/1 is greater

Actual Output	

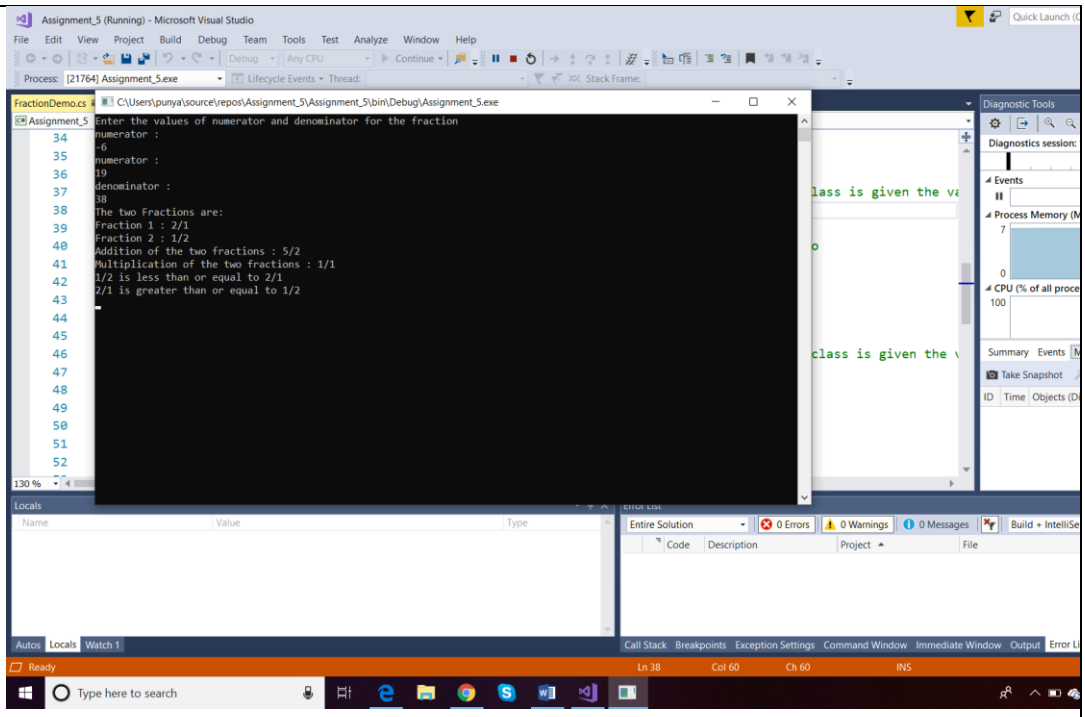
Test 3	
Description	Denominator entered is larger than denominator
Input	27, 4
Expected Output	2/1, 27/4, 35/4, 27/2, 2/1 is less, 27/4 is greater

Actual Output	

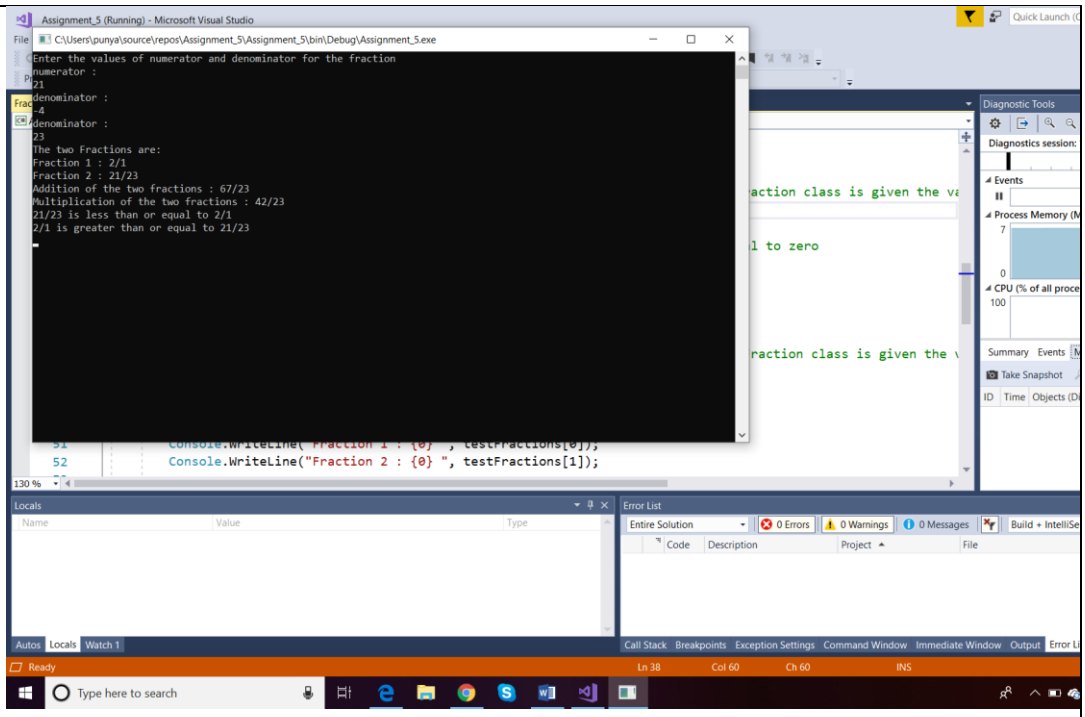
Test 4	
Description	Entered fraction is same as already stored fraction
Input	2, 1
Expected Output	2/1, 2/1, 4/1, 4/1, 2/1 is less or equal, 2/1 is less or equal

Actual Output	

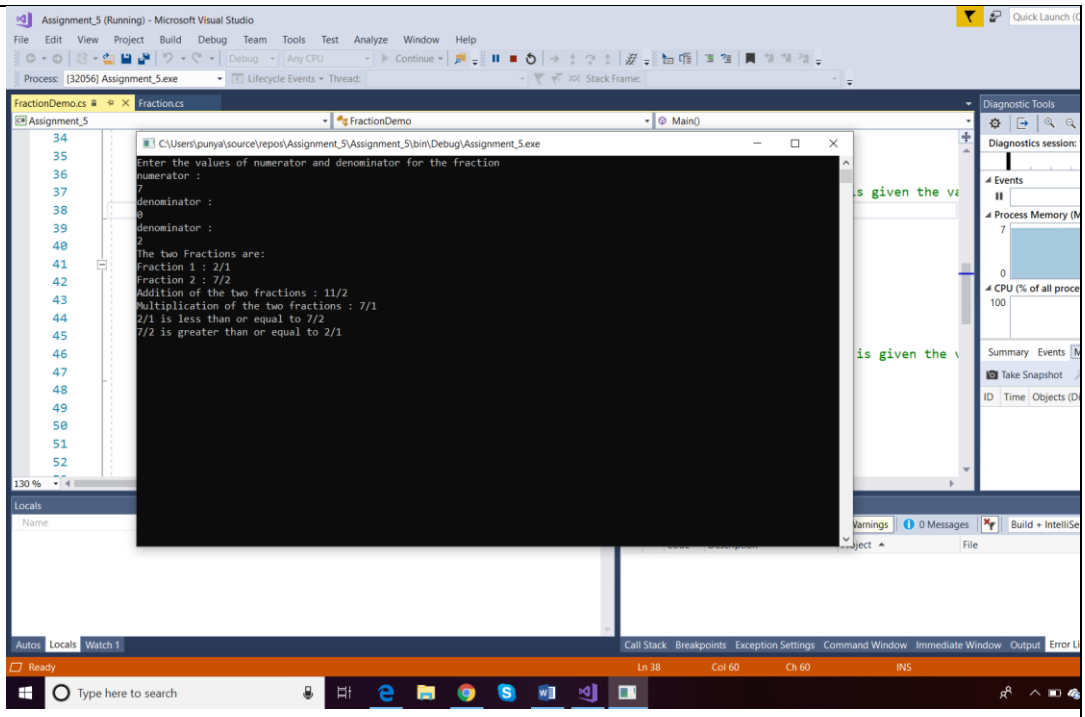
Test 5	
Description	Enter negative numerator
Input	-6, 19, 38
Expected Output	2/1, ½, addition is 5/2, multiplication is 1/1, ½ is less, 2/1 is greater
Actual Output	

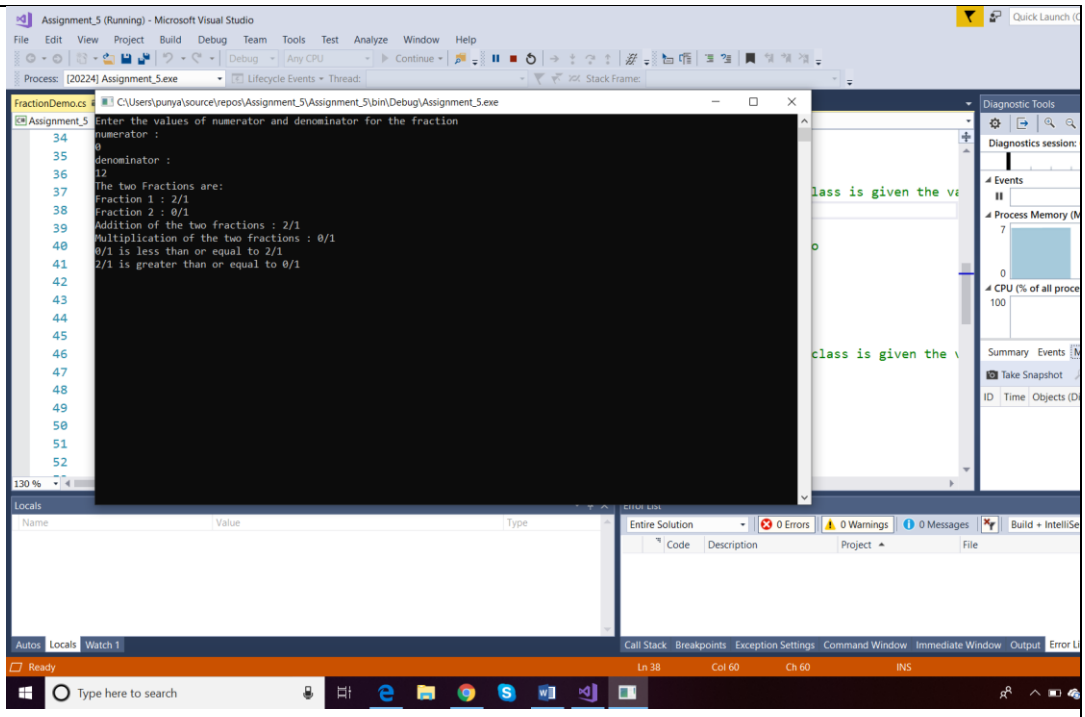
	

Test 6	
Description	Enter negative denominator
Input	21, -4, 23
Expected Output	2/1, 21/23, addition is 67/23, multiplication is 42/23, 21/23 is less, 2/1 is greater

Actual Output	

Test 7	
Description	Enter denominator=0
Input	7, 0, 2
Expected Output	2/1, 7/2, addition is 11/2, multiplication is 7/1, 2/1 is less, 7/2 is greater
Actual Output	

Test 8	
Description	Enter numerator=0
Input	0, 12
Expected Output	2/1, 0/1, addition is 2/1, multiplication is 0/1, 0/1 is less, 2/1 is greater

Actual Output