Consider the following program and complete the operator overloading of `+` operator for struct `Complex` such that it matches the given test cases.

**Sample Test Cases**

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 -10 -10 20</td>
<td>20, -10</td>
</tr>
<tr>
<td></td>
<td>-10, 20</td>
</tr>
<tr>
<td></td>
<td>10, 10</td>
</tr>
<tr>
<td>10 20 30 40</td>
<td>10, 20</td>
</tr>
<tr>
<td></td>
<td>30, 40</td>
</tr>
<tr>
<td></td>
<td>40, 60</td>
</tr>
<tr>
<td>10 -20 20 -10</td>
<td>10, -20</td>
</tr>
<tr>
<td></td>
<td>20, -10</td>
</tr>
<tr>
<td></td>
<td>30, -30</td>
</tr>
</tbody>
</table>

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.
Module 7: Reference and Pointer (Contd.) (Lecture 11) (unit? unit=4&lesson=24)

Module 8: Default Parameters and Function Overloading (Lecture 12) (unit? unit=4&lesson=25)

Module 8: Default Parameters and Function Overloading (Contd.) (Lecture 13) (unit? unit=4&lesson=26)

Module 8: Default Parameters and Function Overloading (Contd.) (Lecture 14) (unit? unit=4&lesson=27)

Module 9: Operator Overloading (Lecture 15) (unit? unit=4&lesson=28)

Module 9: Operator Overloading (Contd.) (Lecture 16) (unit? unit=4&lesson=29)

Module 10: Dynamic Memory Management (Lecture 17) (unit? unit=4&lesson=30)
Module 10:
Dynamic Memory Management (Contd.) (Lecture 18) (unit?unit=4&lesson=31)

Lecture Materials (unit?unit=4&lesson=32)

Quiz:
Assignment 2 (assessment?name=105)

W2_ProgrammingQs-1
(/noc20_cs07/progassignment?name=106)

W2_ProgrammingQs-2
(/noc20_cs07/progassignment?name=107)

W2_ProgrammingQs-3
(/noc20_cs07/progassignment?name=108)

Feedback For Week 2 (unit?unit=4&lesson=101)

Week 3
Week 4
Week 5
Week 6
Week 7
Week 8

DOWNLOAD VIDEOS
Text Transcripts
Assignment Solution
Live Interactive Session
Books