Part 1 – Final Output

```
<terminated> ComplexNumber [Java Application] D:\Program_Files\Java\jdk1.8.0_202\bin\javaw.exe  (Sep 21, 2025, 10:39:31 AM – 10:39:32 AM elap
The Complex Numbers are --> c1 is: 7.5 + i4.2 and c2 is: 8.2 + i9.4

Sum = 15.7 + i13.600000000000001
Difference = -0.6999999999999993 + i-5.2
Product = 22.01999999999999 + i104.94
Quotient = 0.6489717223650384 + i-0.23174807197943442

Magnitude of c1 and c2 is --> 8.595929269136642 and 12.473972903610141 respectively.
Real part of c1 and c2 is --> 7.5 and 8.2  respectively.
Imaginary part of c1 and c2 is --> 4.2 and 9.4  respectively.

Setting the real and imaginary part of the numbers as 69
The Complex Numbers after change are --> c1 is: 69.0 + i69.0 and c2 is: 69.0 + i69.0
```

Part 2 – Final Output

```
<terminated> Gradebook [Java Application] D:\Program_Files\Java\jdk1.8.0_202\bin\javaw.exe  (Sep 21, 2025, 10:4
All students info:
Student{id=1, name='Alice', grades=[4, 30, 66, 95, 75], avg=54.00}
Student{id=2, name='Bob', grades=[85, 42, 83, 77, 73], avg=72.00}
Student{id=3, name='Carol', grades=[21, 59, 94, 93, 21], avg=57.60}
Student{id=4, name='Dan', grades=[23, 68, 53, 55, 85], avg=56.80}
Student{id=5, name='Eva', grades=[49, 26, 6, 52, 5], avg=27.60}

Top student:
Student{id=2, name='Bob', grades=[85, 42, 83, 77, 73], avg=72.00}
```