**Test Output 1:**

The original format flag for cin is: 513

The original format flag for cout is: 513

The cin format flags are set to: 1537

Enter 2 Complex numbers in the form "(real\_value,imaginary\_value)" :

(-12.444,34.55) (2.0,-44.4444)

The cin format flags are set to: 1537

The cout format flags are set to: 1537

The Complex numbers are: (- 12.44,+ 34.55) and (+ 2.00,- 44.44)

The cout format flags are set to: 1537

The cout format flags are set to: 513

The Complex numbers are: -12.4440 34.5500i and 2.0000 -44.4444i

The cout format flags are set to: 513

Part 1 Completed, On to Part 2

The cin format flags are set to: 513

Enter 2 Complex numbers in the form "nnnn.nn nnnn.nni" :

22.2222 -45.55i

45.45i

The cin format flags are set to: 513

The cout format flags are set to: 1537

The Complex numbers are: (+ 22.22,- 45.55) and (+ 0.00,+ 45.45)

The cout format flags are set to: 1537

The cout format flags are set to: 513

The Complex numbers are: 22.2222 -45.5500i and 0.0000 45.4500i

The cout format flags are set to: 513

Press any key to continue . . .

**Test Output 2:**

The original format flag for cin is: 513

The original format flag for cout is: 513

The cin format flags are set to: 1537

Enter 2 Complex numbers in the form "(real\_value,imaginary\_value)" :

(-123.1234, 23.33) (1.1 111.1111)

Exception occurred: Invalid value for inputting Complex # using Mode 1

The cin format flags are set to: 1537

Press any key to continue . . .

**Test Output 3:**

The original format flag for cin is: 513

The original format flag for cout is: 513

The cin format flags are set to: 1537

Enter 2 Complex numbers in the form "(real\_value,imaginary\_value)" :

(23.33,-234.5555 (-23.33, 44.1)

Exception occurred: Invalid value for inputting Complex # using Mode 1

The cin format flags are set to: 1537

Press any key to continue . . .

**Test Output 4:**

The original format flag for cin is: 513

The original format flag for cout is: 513

The cin format flags are set to: 1537

Enter 2 Complex numbers in the form "(real\_value,imaginary\_value)" :

(12.3456, 33.333) (-12.3,-55.5555)

The cin format flags are set to: 1537

The cout format flags are set to: 1537

The Complex numbers are: (+ 12.35,+ 33.33) and (- 12.30,- 55.56)

The cout format flags are set to: 1537

The cout format flags are set to: 513

The Complex numbers are: 12.3456 33.3330i and -12.3000 -55.5555i

The cout format flags are set to: 513

Part 1 Completed, On to Part 2

The cin format flags are set to: 513

Enter 2 Complex numbers in the form "nnnn.nn nnnn.nni" :

1234.5555 -44.44 -33.3333i

Exception occurred: Invalid value for inputting Complex # using Mode 2

The cin format flags are set to: 513

Press any key to continue . . .