```
Compiler is using classPath = '[C:\Users\ezeha\OneDrive\Documents\Development\Java\Projects\COSC237-Assignments\Assignment2\ComplexNumber, C:\Users\ezeha\Downloads\drjava-beta-20190813-220051.jar]';  bootClassPath = 'null'
Static Error: This class does not have a static void main method accepting String [].
Your options are:
-----------------
1) Add 2 complex numbers
2) Subtracts 2 complex numbers
3) Multiply 2 complex numbers
4) Divide 2 complex numbers
5) Absolute value of a complex number
6) Compare 2 complex numbers
0) EXIT
Please enter your option: 1

Enter complex number (real imaginary): 10 5
Enter complex number (real imaginary): 5 10
First complex number is: (10.000000, 5.000000)
Second complex number is: (5.000000, 10.000000)
Result (10.000000, 5.000000) + (5.000000, 10.000000) = (15.000000, 15.000000)
Command number 1 completed

Your options are:
-----------------
1) Add 2 complex numbers
2) Subtracts 2 complex numbers
3) Multiply 2 complex numbers
4) Divide 2 complex numbers
5) Absolute value of a complex number
6) Compare 2 complex numbers
0) EXIT
Please enter your option: 2

Enter complex number (real imaginary): 10 20.5
Enter complex number (real imaginary): 10 .5
First complex number is: (10.000000, 20.500000)
Second complex number is: (10.000000, 0.500000)
Result (10.000000, 20.500000) - (10.000000, 0.500000) = (0.000000, 20.000000)
Command number 2 completed

Your options are:
-----------------
1) Add 2 complex numbers
2) Subtracts 2 complex numbers
3) Multiply 2 complex numbers
4) Divide 2 complex numbers
5) Absolute value of a complex number
6) Compare 2 complex numbers
0) EXIT
Please enter your option: 3

Enter complex number (real imaginary): 15 25
Enter complex number (real imaginary): 51 52
First complex number is: (15.000000, 25.000000)
Second complex number is: (51.000000, 52.000000)
Result (15.000000, 25.000000) * (51.000000, 52.000000) = (-535.000000, 2055.000000)
Command number 3 completed

Your options are:
-----------------
1) Add 2 complex numbers
2) Subtracts 2 complex numbers
3) Multiply 2 complex numbers
4) Divide 2 complex numbers
5) Absolute value of a complex number
6) Compare 2 complex numbers
0) EXIT
Please enter your option: 4
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67
68 Enter complex number (real imaginary): 3 9
69 Enter complex number (real imaginary): 3 6
70 First complex number is: (3.000000, 9.000000)
71 Second complex number is: (3.000000, 6.000000)
72 Result (3.000000, 9.000000) - (3.000000, 6.000000) = (1.400000, 0.200000)
73 Command number 4 completed
74
75 Your options are:
76 -----------------
77 1) Add 2 complex numbers
78 2) Subtracts 2 complex numbers
79 3) Multiply 2 complex numbers
80 4) Divide 2 complex numbers
81 5) Absolute value of a complex number
82 6) Compare 2 complex numbers
83 0) EXIT
84 Please enter your option: 5
85
86 Enter complex number (real imaginary): 11 12
87 First complex number is: (11.000000, 12.000000)
88 Result |(11.000000, 12.000000)| = 16.278820596099706
89 Command number 5 completed
90
91 Your options are:
92 -----------------
93 1) Add 2 complex numbers
94 2) Subtracts 2 complex numbers
95 3) Multiply 2 complex numbers
96 4) Divide 2 complex numbers
97 5) Absolute value of a complex number
98 6) Compare 2 complex numbers
99 0) EXIT
100 Please enter your option: 6
101
102 Enter complex number (real imaginary): 10 10
103 Enter complex number (real imaginary): 10 10
104 First complex number is: (10.000000, 10.000000)
105 Second complex number is: (10.000000, 10.000000)
106 The complex numbers are equal
107 Command number 6 completed
108
109 Your options are:
110 -----------------
111 1) Add 2 complex numbers
112 2) Subtracts 2 complex numbers
113 3) Multiply 2 complex numbers
114 4) Divide 2 complex numbers
115 5) Absolute value of a complex number
116 6) Compare 2 complex numbers
117 0) EXIT
118 Please enter your option: 6
119
120 Enter complex number (real imaginary): 10 11
121 Enter complex number (real imaginary): 10 10
122 First complex number is: (10.000000, 11.000000)
123 Second complex number is: (10.000000, 10.000000)
124 The complex numbers are not equal
125 Command number 7 completed
126
127 Your options are:
128 -----------------
129 1) Add 2 complex numbers
130 2) Subtracts 2 complex numbers
131 3) Multiply 2 complex numbers
132 4) Divide 2 complex numbers
133 5) Absolute value of a complex number
134 6) Compare 2 complex numbers
135 0) EXIT
136 Please enter your option: 0
```

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137
138 Testing completed.
139 Compiler is using classPath = '[C:
    \Users\ezeha\OneDrive\Documents\Development\Java\Projects\COSC237-
    Assignments\Assignment2\ComplexNumber, C:\Users\ezeha\Downloads\drjava-beta-
    20190813-220051.jar]';  bootClassPath = 'null'
140 Your options are:
141 -----------------
142 1) Add 2 complex numbers
143 2) Subtracts 2 complex numbers
144 3) Multiply 2 complex numbers
145 4) Divide 2 complex numbers
146 5) Absolute value of a complex number
147 6) Compare 2 complex numbers
148 0) EXIT
149 Please enter your option: hello
150 Not an integer! Try again! Please enter your option:-1
151
152 Your options are:
153 -----------------
154 1) Add 2 complex numbers
155 2) Subtracts 2 complex numbers
156 3) Multiply 2 complex numbers
157 4) Divide 2 complex numbers
158 5) Absolute value of a complex number
159 6) Compare 2 complex numbers
160 0) EXIT
161 Please enter your option: 1
162
163 Enter complex number (real imaginary): 10 hello
164 Invalid input, Enter complex number (real imaginary): ten 10
165 Invalid input, Enter complex number (real imaginary): 10 10
166 Enter complex number (real imaginary): seven six
167 Invalid input, Enter complex number (real imaginary): 7 6
168 First complex number is: (10.000000, 10.000000)
169 Second complex number is: (7.000000, 6.000000)
170 Result (10.000000, 10.000000) + (7.000000, 6.000000) = (17.000000, 16.000000)
171 Command number 1 completed
172
173 Your options are:
174 -----------------
175 1) Add 2 complex numbers
176 2) Subtracts 2 complex numbers
177 3) Multiply 2 complex numbers
178 4) Divide 2 complex numbers
179 5) Absolute value of a complex number
180 6) Compare 2 complex numbers
181 0) EXIT
182 Please enter your option: 5
183
184 Enter complex number (real imaginary): 0 0
185 First complex number is: (0.000000, 0.000000)
186 Result |(0.000000, 0.000000)| = 0.0
187 Command number 2 completed
188
189 Your options are:
190 -----------------
191 1) Add 2 complex numbers
192 2) Subtracts 2 complex numbers
193 3) Multiply 2 complex numbers
194 4) Divide 2 complex numbers
195 5) Absolute value of a complex number
196 6) Compare 2 complex numbers
197 0) EXIT
198 Please enter your option: 0
199
200 Testing completed.
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