EECS 10: Assignment 6
Test Example

This document provides you with a sample test example to verify your program. Please note that this is just a sample example and your script should **not** include this example.

Note: Please submit your script file as per the instructions mentioned in the original assignment.

First column shows the operation to be performed, center and right column shows the result in general and polar format respectively.

Operation		General Form Result	Polar Form result
1. Set Complex No.	0.0 + 4.0i	0.000 + 4.000i	4.000 @ 90.000 degrees
2. Set Complex No.	3.0 + 0.0i	3.000 + 4.000i	5.000 @ 53.130 degrees
3. Add	2.5 + 2.5i	5.500 + 6.500i	8.515 @ 49.764 degrees
4. Absolute value:		8.515(absolute value)	
5. Reciprocal		0.076 - 0.090i	0.117 @ 310.236 degrees
6. Set Complex No.	-1.0 + 0.0i	-1.000 + 0.000i	1.000 @ 180.000 degrees
7. Set No. in Polar	5.0 @ 45 degrees	3.536 + 3.536i	5.000 @ 45.000 degrees
8. Divide	1.0 + 2.0i	2.121 - 0.707i	2.236 @ 341.565 degrees
9. Multiply	6.0 + 10.0i	19.799 + 16.971i	26.077 @ 40.601 degrees
10. Rotate	45 degrees	2.000 + 26.000i	26.077 @ 85.601 degrees
11. Raise to 2^{nd} power		-672.000 + 104.000i	680.000 @ 171.203 degrees
12. Set Complex No.	0.0 + 0.0i	0.000 + 0.000i	0.000 @ 0.000 degrees