Assignment 10: Program on using Structures

- This assignment further explores structures.
 - Write a program which declares the structures
 - typedef struct{ float real; float imag}complex_rect;
 - typedef struct{ float mag; float angle}complex_polar;
 - Write functions to implement complex addition and subtraction using complex_rect
 - Write functions to implement complex multiplication and division using complex_polar
 - Write functions to implement conversion from rect to polar and vice versa
 - The main program asks user to input two complex numbers in rectangular format and *int status* value between 0 and 4.

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- If status==0, exit printing the input values in x+iy
- If status==1, exit printing sum of two input values in x+jy
- If status==2, exit printing difference of two input values in x+iy
- If status==3, exit printing multiplication of two input values in x+jy
- If status==4, exit printing division of two input values in x+jy

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• Programs are due on Sunday, Nov 10, 2019, at 5:00 pm.