

Problem Wk.1.3.6: Polynomial class

Paste your code for the Polynomial class that is described in the lab handout. We will check the code with random inputs; the tests are arranged to that they test each method separately and then combinations of them. Looking carefully at the results of the tests should help you diagnose where the problems may be.

You should not attempt to debug your code here, debug it using Idle on your machine. You should do your work in the `designLab01Work.py` file in the software distribution.

The test cases are random, so you should Check a few times before Submit.

This will test the roots method only for polynomials of order 1 or 2. Please make sure that you return real roots when possible and complex roots only when necessary. Think about what to do if the leading coefficient is zero. You should always return a list of roots, even when there is only one root.

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