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Submission:

- All files included   OK.

Functions:

- NewtonRaphson   NOT OK.   Unrequest code is implemented below the while loop.

- Polynomial   NOT OK.   "+=" does not work in Matlab
https://se.mathworks.com/matlabcentral/answers/18033-matlab-equivalent-of

- PolynomialDifferentiation   NOT OK.   This function should be able to handle any non-negative values of n and k. In particular, if k=0, the function should return the original polynomial coefficients. If k>n, the function should return an empty vector.

- NewtonRaphsonStep   NOT OK.   The inputs to this function should be the evaluated derivatives, not their coefficients.

- PlotIterations   NOT OK.   Crashes with an error.

- Main   NOT OK.   The program crashes with an error (using the settings of the example in the assignment).

Error handling:

- Proper error handling   NOT OK.   You should check that f''(x)=0 does not happen for some x (i.e., `Polynomial(value,secondDerivative)!=0`).

    Please do not duplicate a same check in multiple places (for n >= 2).

Style:

- Coding standard   NOT OK.   Do not use function calls as inputs to a method. It is easy to make a mistake regarding the actual input to the (outer) function. Introduce intermediate variables

instead which also improves the readability of your code.

- Nice output   NOT OK.   The underlying function is not displayed.