Write a program using Euler's method to simulate the motion of an oscillator $\frac{F}{m} = -91x + 19x^3 - x^5$, and compute the period for a given amplitude. Write a second program that calls this program to make a graph of the period verus the amplitude, for amplitudes from 0.1 to 6 in steps of 0.1, i.e. `amp = 0.1:0.1:6;`. Use a time step of $dt = 0.01$.
Be sure the tell me how you used your code to answer the questions.

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