Code: <https://www.geeksforgeeks.org/runge-kutta-4th-order-method-solve-differential-equation/>

Given the following inputs,

* An ordinary differential equation that defines value of dy/dx in the form x and y.
* Initial value of y, i.e., y(0)

Our code attempts to utilize the ODE from the paper to solve for iL and Vc to then solve for v\_out

More code: <https://stackoverflow.com/questions/34965829/runge-kuttas-method-circular-motion/34967062#34967062>

The idea: <https://math.stackexchange.com/questions/2189553/solving-system-of-differential-equations-using-runge-kutta-method>

More ideas:<https://medium.com/analytics-vidhya/solving-a-system-of-two-differential-equations-numerically-in-python-d31844d4ea28>

Define: numerical integration technique that calculates four different slopes and uses them as weighted averages. This is more accurate than eulers method that I used last week.

Goal: solve system ofordinary differential equations with accuracy using python