Loops and Orbits - Homework 3 - Capacitor The equation charge capacitance $V_0 = IR + E$ DUE FRIDA 1/24, BY END F OFFICE Ocsupply resistance HOURS was turned into a model the computer can handle as follows: $V_0 = \frac{Q_{i+1} - Q_i}{t_{i+1} - t_i} R + \frac{Q_i}{C}$ Rearrange $Q_{i+1} = Q_i + \frac{t_{i+1} - t_i}{R} \left(V_0 - \frac{Q_i}{c} \right)$ So that tells you how to get charge-after from charge-before This is an easy model but a hard homework because for the first time I want you to produce the notebode on your own. You are welcome to borrow code from any of our other notebody other notebooks. At the end of your notebook should be a graph of a as a function of time

Turn in that graph by 2pm on

Friday as your completed homework.