Homework Assignment 3B

❖ Generate a plot of
- The position as a function of time from zero to 4 minutes, using initial conditions

$$x(0) = 0 \quad \dot{x}(0) = 5 \ (m/s)$$

- Using $m = 1.5\,(kg) \quad k = 3.5\,(N/m) \quad c = 0.08\,(Ns/m)$

$$\omega = 2.5\,(1/s) \quad f = 0.5\,(N)$$

- Put your name and section for a title
- Complete with appropriate labels

❖ Turn it in to 3-449 by the end of the class period.