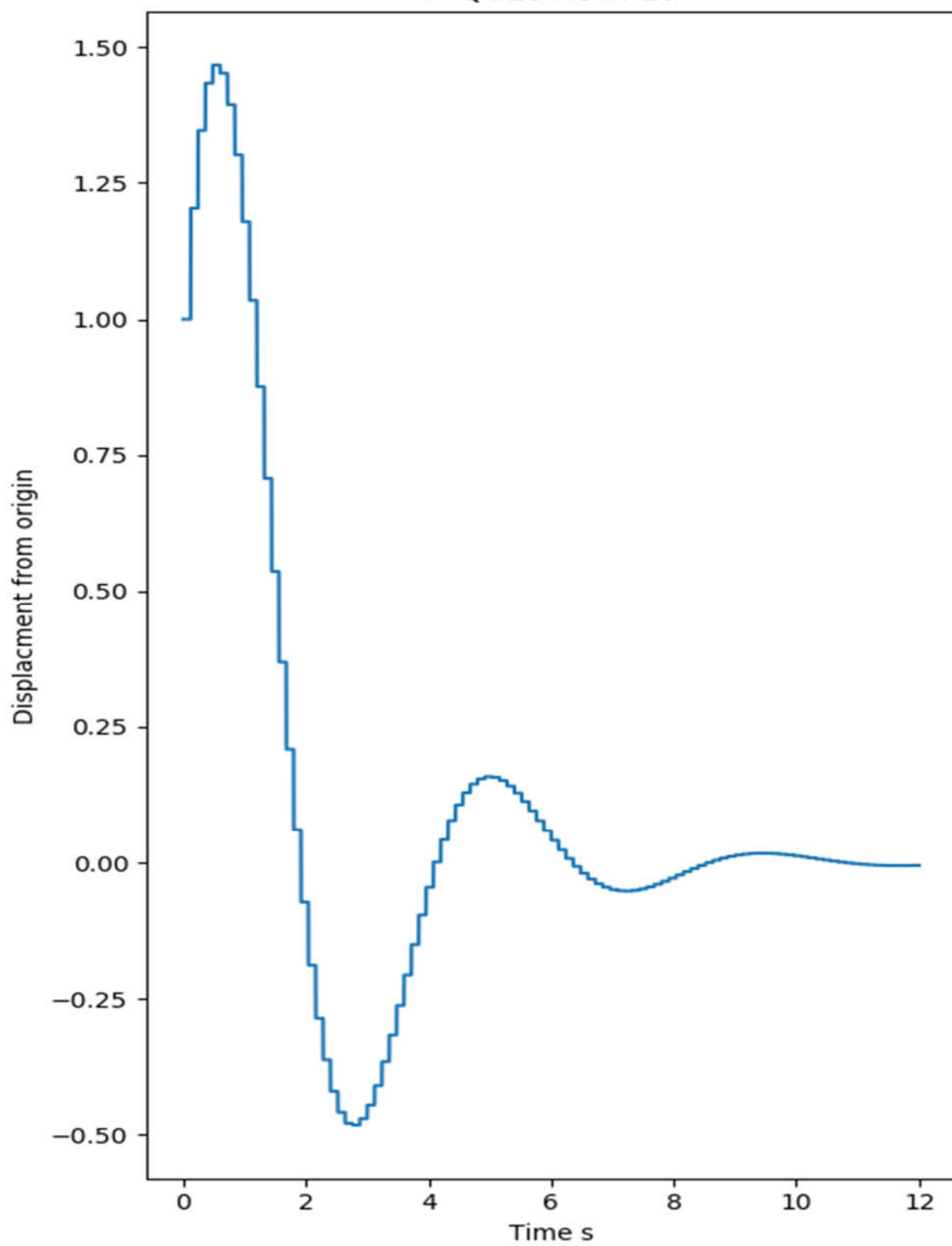
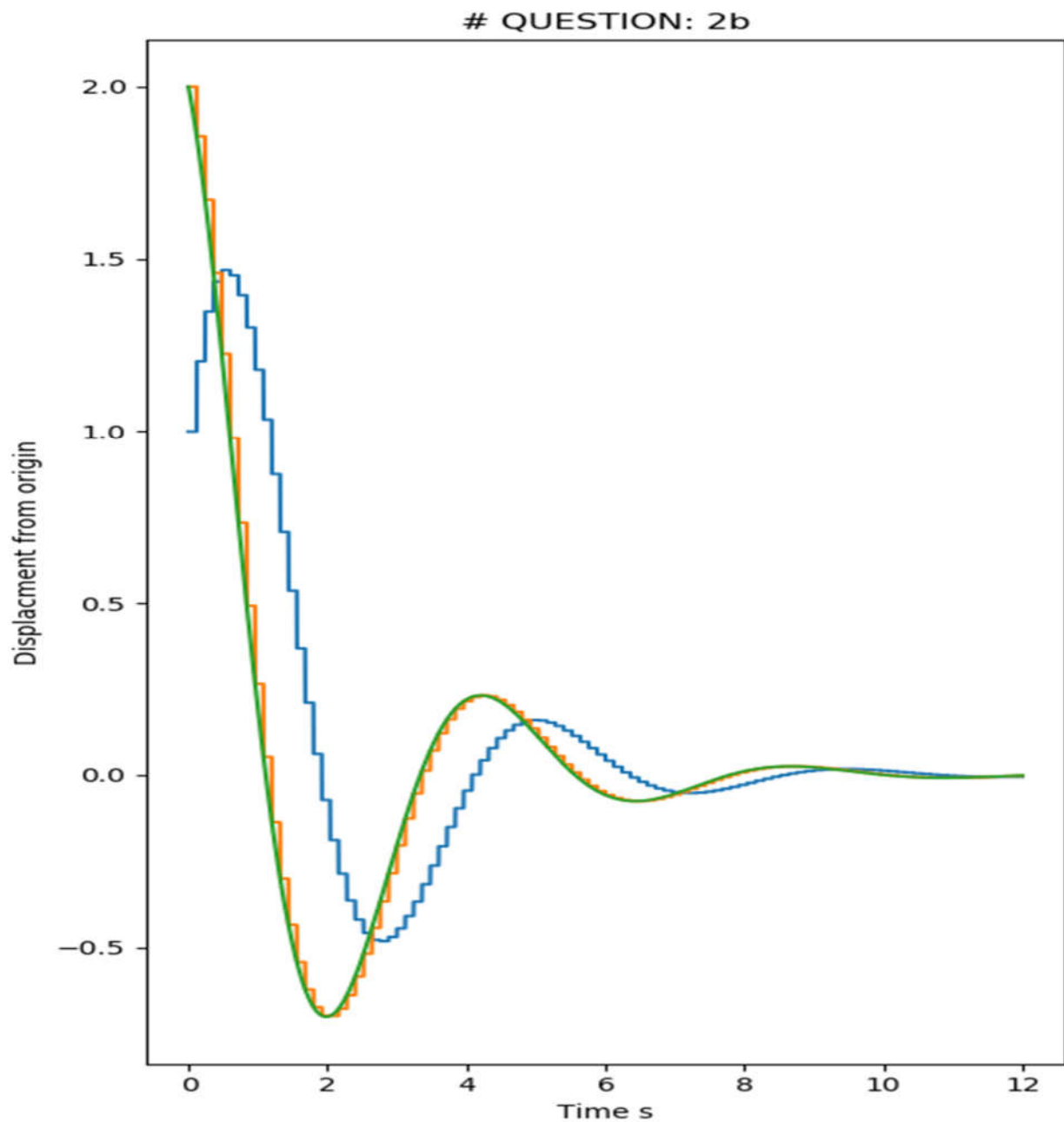


QUESTION: 2a





When using only 100 datapoints rather than 10000, we get a much less accurate expression of the displacement from the origin over time. This is because for each step you assume that the velocity for that time doesn't change, and use the previous velocity to calculate the next position.

QUESTION: 3

