Assignment 5

1. Problem 5.3
   a. Obtain the solution up to t=2.5 second
   b. Try Δt=0.5 second first. If the solution is unstable, try Δt=0.25 second
   c. Use Newmark's method with constant average acceleration
   d. Use Newmark's method with linear acceleration
   e. Compare solutions from the above two methods