EEE 208 – Programming for EEE
Homework #6

An object thrown vertically with a speed v_0 reaches a height h at time t, where

$$h = v_0 t - \frac{1}{2} g t^2$$

Write and test a function that computes the time t required to reach a specified height h, for a given value of v_0. The function's inputs should be h, v_0 and g. Test your function for the case where $h = 100\ m$, $v_0 = 50\ m/s$ and $g = 9.81\ m/s^2$.