gradients for univariable linear regression

Problem 1

given the dataset in X.mat (holding the x values for 100 data-points) and y.mat (holding the corresponding y values for the 100 data-points):

a) find the equation of the line that fits to these points best. (in other words, assuming your line is $h(x) = \theta_1 x + \theta_0$, find a pair of θ_0 and θ_1 values that makes $h(x)$ the best fit to the given points).

b) Having solved part a), what is $h(10)$?
