Dear Xiran,
Here are some grading criteria for your consideration.  The assignment is worth 10 points. A student's script need not be perfect with respect to the following to get a high score (say 9.5 out of 10).  You can decide on the points associated with the following categories.

[-2] Please identify 2 or 3 best submissions,  rename their script to to include their names (HW-2-student_name.py) , and place them in this directory.

[-1] Please record grades on Canvas.
Thank you very much!

[0] A copy of the reference answer is provided for your reference. Note that with different learning rate values, output will be different.  Please grade qualitatively by focusing on the shape of the plot, AND the magnitude of the numbers.

[0.5] I have not asked them to sumbit a writeup, but a writeup template is in the folder. Please do not take points off if they do not sumbit a writeup.

[1] Can consider more credits for results that are closer to the loss at true beta(see notes in [3] in the answer)
[3] The beta_hat should be consistent with the loss reported in [1].
[5] should be similar to the plot in Q, loss should be declining towards the destination iteration
    Note that the y-axis tick marks of the plot in Q are scaled and shifted.
    A tick mark of 0 represent 22.298851605 = 0 x (1e-12) + 2.2298851605e+1