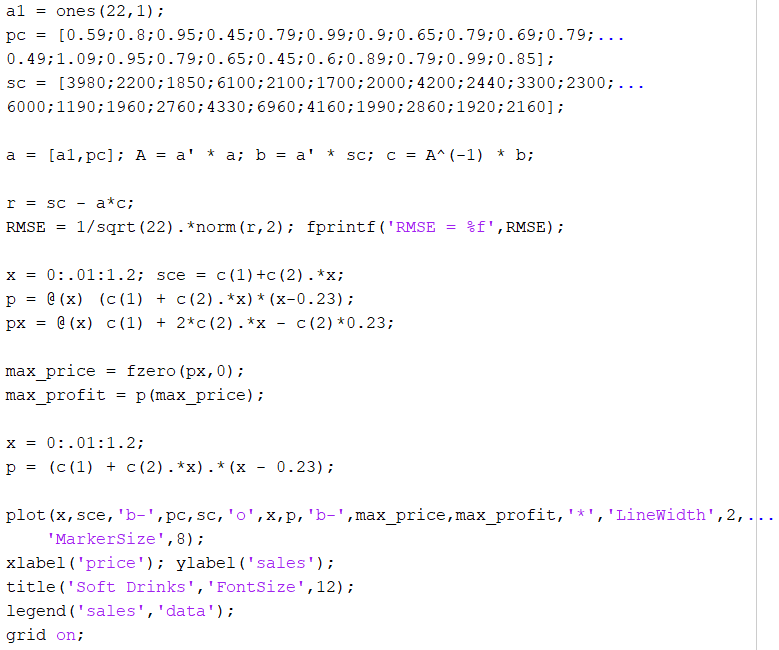
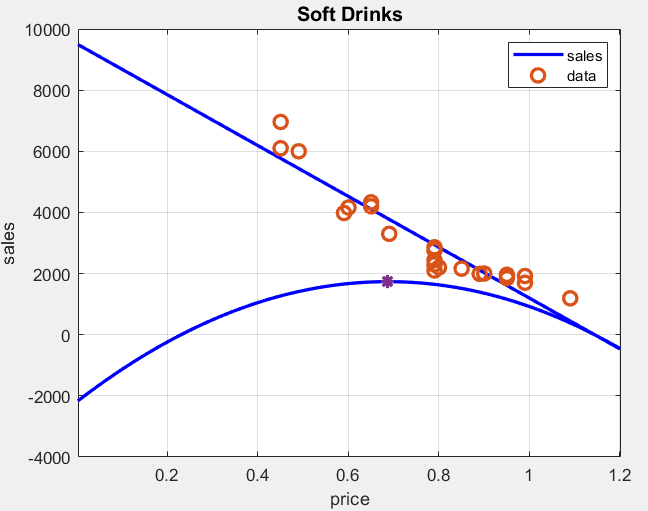
1(d)

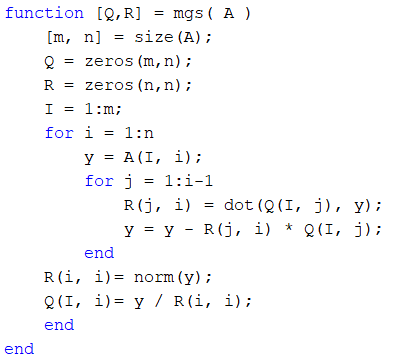




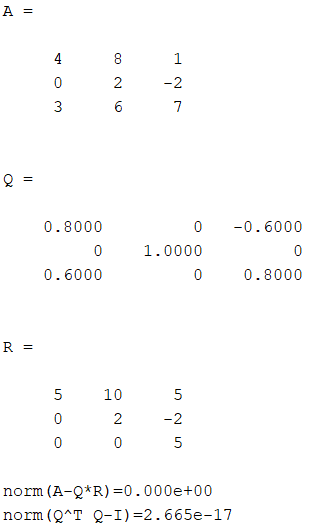
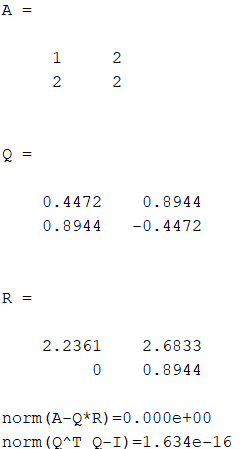
RMSE = 518, optimal price = 0.69, profit = 1736

3(d)

Here is the function code:



**There are two cases: both cases will have a result close enough to 0.**



4.

