ECE 532 Homework 1

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QUESTION 1: MATRIX MULTIPLICATION

a) The matrix can be constructed in the following way:

$$A = \begin{bmatrix} 3 & 2 \\ 4 & 3 \\ 1 & 2 \end{bmatrix}$$

e) Replicate the computationa in matlab.

```matlab
%% set up the matrix and vectors
clear all; clc;
A = [3 4 1; 2 3 2]';
x1 = [1; 10; 100];
x2 = [3;4];
```

QUESTION2