Submit a published pdf of your script and any other supporting code needed to solve the following problem to Canvas by Monday, August 31 at 11:59 p.m.

1. This problem is to familiarize you with Matlab. Divide a Matlab script into sections using the command %%. Make one section per calculation and use a comment to label each section of the script (a)-(j). In each section, fill in the Matlab command that performs the desired operation. Do not supress the outputs of these calculations.

Part	Desired Operation
(a)	$x \leftarrow 8$
(b)	$y \leftarrow x/2$
(c)	$x \leftarrow x * y$
(d)	$z \leftarrow x - y * 5$
(e)	$\text{vec} \leftarrow [1, 4, 3, 8]$
(f)	Set A equal to the third element of "vec"
(g)	$A \leftarrow A + \text{vec}(4)/\text{vec}(2)$
(h)	$\text{newvec} \leftarrow y:z:x$
(i)	$\text{vec}(1) \leftarrow \text{newvec}(2)$
(j)	$\operatorname{vec}(2:4) \leftarrow [x,y,A]$

- 2. (In the same script, make a new section.) The following questions will allow me to get to know you better. Answer each of the following questions, writing the answers into the script as comments.
 - (a) What year are you at CU? What is your major?
 - (b) Do you have experience with Matlab or any other programming language?
 - (c) What do you hope to learn from this class?