

## EE 271 - Quiz

Sept. 7, 2019

Consider the array **A**

$$\mathbf{A} = \begin{bmatrix} 3 & 5 & -4 \\ -8 & -1 & 33 \\ -17 & 6 & -9 \end{bmatrix}$$

Write a program that computes the array **B** by computing the natural logarithm of all the elements of **A** whose value is no less than 1, and adding 20 to each element that is equal to or greater than 1. Do this in two ways:

1. By using a **for loop** with conditional statements
2. By using a **logical array** as a mask