Octave

Matrices Manipulations (Exercise C.6)

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Octave: Matrices Manipulations

Suppose we have the 4×4 matrix C.

$$C = \begin{pmatrix} 2 & 7 & -5 & 5 \\ 4 & -2 & 7 & -1 \\ 6 & -3 & 0 & 3 \\ 4 & -2 & 7 & 1 \end{pmatrix}$$

1. Replace all negative values of matrix C with 0.
   (Call this matrix $C1$)

2. Replace all negative values of matrix C with the absolute value of those values.
   (Call this matrix $C2$.)

Exercise 1: Replace all negative values of matrix C with 0.

- The max() command, comparing each value to 0.

Exercise 2: Replace all negative values of matrix C with the absolute value of those values.

- The max() command, comparing each value to the negation of that value.