LINEAR ALGEBRA EXERCICES

EXERCICE 1

**To solve:** Find the minimum number of zeros that are present in a triangular matrix of order **n**.

A triangular matrix of order **n** will have, at least, zeros. Although the result that the course guy shows it is: being k = **n**

EXERCICE 2

**To solve:** if **A** and **B** are two matrices such that and then find the matrix 5A+4B

🡪 1 = a + b; 2 = b + h; … Off the sum operation

1 = a – b; 4 = b – h; … Off the difference

Example of :

A fastest way would have been simply solving the adding operation to delete **B**

To know **B,** we would do the same but subtracting instead of adding: