Series N°5: For-end Loop in MATLAB

Excercise N°1

Using for-end loop, write a program that calculate the multiplication of two vectors N and M.
$N = \{i \quad j \quad h\}, M = \{o \quad p \quad q\}^{T}$.

Excercise N°2

Using for-end loop, write a program that able to calculate the sum of two matrices C and S with dimension 3x3.

Excercise N°3

Using for-end loop, write a program that calculate the transpose of any given matrices.

Excercise N°4

Using for-end loop, write a program that able to calculate the sum of three matrices C , S and T with dimension nxn.

Excercise N°5

Using for-end loop, write a program that capable to calculate the sum of $S = 5+10+15+20+\ldots+70$.

Excercise N°6

Using for-end loop, write a program that able to calculate the multiplication of two matrices C and S with dimension 3x3.

Excercise N°7

Using for-end loop, write a program that capable to replace "0" in the diagonal in any given matrix.