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Series N°6: While-end Loop in MATLAB



Excercise N°1

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

Excercise N°2

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

Excercise N°3

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

Excercise N°4

Using while-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 while-end loop, write a program that capable to calculate the sum of

$$S = 5+10+15+20+...+70.$$

Excercise N°6

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

Excercise N°7

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