Test N°6: While-end Loop in MATLAB

Exercise N°1

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

Exercise N°2

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

Exercise N°3

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

Exercise 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.

Exercise N°5

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

S = 5+10+15+20+…+70.

Exercise N°6

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

Exercise N°7

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