Q5

Matrice1 = [ [ 1 , 2] , [ 3 , 4 ] ]

Matrice2 = [ [ 2 , 3] , [ 4 , 5 ] ]

ADDITION (MT1, MT2)

ADDMTX=[]

For row in MT1

ADDMTX.append([])

For num in MT2

MT1 [row] [num] + MT2 [row] [num]

ADDMTX[-1].append(N)

Return ADDMTX

Matrice1 = [ [ 1 , 2] , [ 3 , 4 ] ]

Matrice2 = [ [ 2 , 3] , [ 4 , 5 ] ]

SUBTRACTION (MT1, MT2)

SUBMTX=[]

For row in MT1

SUBMTX.append([])

For num in MT2

MT1 [row] [num] - MT2 [row] [num]

SUBMTX[-1].append(N)

Return SUBMTX

Matrice1 = [ [ 1 , 2] , [ 3 , 4 ] , [ 5 , 6 ] ]

Matrice2 = [ [ 2 , 3 , 4] , [ 5 , 6 , 7 ] ]

MULTIPLY (MT1, MT2)

MTPMTX=[]

If len(Matrice1(row)) == len(Matrice2(column)):

For row in MT1

MTPMTX.append([])

For num in MT2

MT1 [row] [num] + MT2 [column] [num]

MTPMTX[-1].append(N)

Return MTPMTX

Else:

Return “Can’t multiply”