ADD-MATRICES:  
 result = []

FOR i in range (0, LENGTH of matrix):  
 FOR j in range (0, LENGTH of matrix2):  
 result[i][j] <- matrix[i][j] + matrix2[i][j]  
return result

SUBTRACT-MATRICES:

result = []

FOR i in range (0, LENGTH of matrix):  
 FOR j in range (0, LENGTH of matrix2):  
 result[i][j] <-matrix[i][j] – matrix2[i][j]  
return result

MULTIPLYING-MATRICES:  
 result = []

FOR i in range (0, LENGTH of matrix):  
 FOR j in range (0, LENGTH of matrix2):  
 FOR z in matrix2:  
 result[i][j] <- result[i][j] + matrix[i][z] \* matrix2[z][j]  
 return result

matrix <- USER INPUT TO POPULATE FIRST MATRIX  
matrix2 <- USER INPUT TO POPULATE SECOND MATRIX