# Python code to demonstrate matrix operations

# add(), subtract() and divide()

# importing numpy for matrix operations

import numpy

# initializing matrices

x = numpy.array([[1, 2], [4, 5]])

y = numpy.array([[7, 8], [9, 10]])

# using add() to add matrices

print ("The element wise addition of matrix is : ")

print (numpy.add(x,y))

# using subtract() to subtract matrices

print ("The element wise subtraction of matrix is : ")

print (numpy.subtract(x,y))

# using divide() to divide matrices

print ("The element wise division of matrix is : ")

print (numpy.divide(x,y))