import numpy

x=numpy.array([[1,3],[4,5]])

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

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

print(numpy.add(x,y))

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

print(numpy.subtract(x,y))

print("The product of matrices is: ")

print(numpy.dot(x,y))

print("The transpose of given matrix is: ")

print(x.T)

print(y.T)