1. Write a Python Program to Add Two Matrices?

import numpy as np

def matadd(A,B):

C =np.zeros(A.shape)

try:

for i in range(A.shape[0]):

for j in range(A.shape[1]):

C[i,j] = A[i,j]+B[i,j]

except Exception as e:

print(e)

return C

1. Write a Python Program to Multiply Two Matrices?

import numpy as np

def Hadamardmultmat(A,B):

C =np.zeros(A.shape)

try:

for i in range(A.shape[0]):

for j in range(A.shape[1]):

C[i,j] = A[i,j]+B[i,j]

except Exception as e:

print(e)

return C

1. Write a Python Program to Transpose a Matrix?

def transpose(A):

C =np.zeros((A.shape[1],A.shape[0]))

for i in range(len(A[:,0]-1)):

C[:,i] = A[i,:]

return C

1. Write a Python Program to Sort Words in Alphabetic Order?

def sorting(l):

return sorted(l)

1. Write a Python Program to Remove Punctuation From a String?

def removepunct():

punctuations = '''!()-[]{};:'"\,<>./?@#$%^&\*\_~'''

a = input('Enter string: ')

for i in a:

if i in punctuations:

a = a.replace(i,"")

return a