1. Write a Python Program to Add Two Matrices?

a= [[2,3,4],[6,7,5],[8,7,6]]

b = [[3,3,3],[5,6,7],[8,8,9]]

def add\_mat(a,b):

    for i in range(len(a)):

        for j in range(len(b)):

            a[i][j] = a[i][j] + b[i][j]

    return a

print(add\_mat(a,b))

1. Write a Python Program to Multiply Two Matrices?

a= [[2,3,4],[6,7,5],[8,7,6]]

b = [[3,3,3],[5,6,7],[8,8,9]]

def mul\_mat(a,b):

    for i in range(len(a)):

        for j in range(len(b)):

            a[i][j] = a[i][j] \* b[i][j]

    return a

print(mul\_mat(a,b))

1. Write a Python Program to Transpose a Matrix?

import copy

a= [[2,3,4],[6,7,5],[8,7,6]]

b = copy.deepcopy(a)

def trans\_mat(a):

    for i in range(len(a)):

        for j in range(len(a[0])):

            b[j][i] = a[i][j]

    return b

print(trans\_mat(a))

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

a= "rikin"

def sort\_w(a):

    f = []

    f1 = []

    for k in range(len(a)):

        f.append(ord(a[k]))

    for k in sorted(f):

        f1.append(chr(k))

    res = "".join(f1)

    return res

print(sort\_w(a))

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

a= "hello, this is test!!!"

def remove\_p(a):

    a = list(a)

    for i in range(len(a)):

        if a[i].isalnum():

            pass

        else:

            a[i]=' '

            print(a[i])

    return "".join(a)

print(remove\_p(a))