1. Write a Python Program to Add Two Matrices?

l1 = [[1,2,1],[2,1,2],[1,2,1]]

l2 = [[2,1,2],[1,2,1],[2,1,2]]

row,col=3,3

result = []

for i in range(row):

m = []

for j in range(col):

k = l1[i][j] + l2[i][j]

m.append(k)

result.append(m)

print(result)

1. Write a Python Program to Multiply Two Matrices?

l1 = [[1,2,3],[4,5,6],[7,8,9]]

l2 = [[9,8,7],[6,5,4],[3,2,1]]

r1,c1,r2,c2=3,3,3,3

result = []

for i in range(r1):

a = []

for j in range(c2):

o = 0

for k in range(r2):

o = o + (l1[i][k] \* l2[k][j])

a.append(o)

result.append(a)

print(result)

1. Write a Python Program to Transpose a Matrix?

l = [[1,2,3],[4,5,6],[7,8,9]]

row,col=3,3

result=[]

for i in range(row):

m = []

for j in range(col):

k = l[j][i]

m.append(k)

result.append(m)

print(result)

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

a = ' ineuron full stack data science bootcamp'

l = a.split()

l.sort()

print('Words sorted in alphabetical order:')

for i in l:

print(i)

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

a = 'He said "Hi! How are you?! How can i help you?!"'

p = '.,?!;:""'

n=""

for i in a:

if i not in p:

n=n+i

print(n)