1. Write a Python Program to Add Two Matrices?

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

b=[[11,12,13],[14,15,16],[17,18,19]]

s=[]

for i in range(len(a)):

s.append([a[i][j]+b[i][j] for j in range(len(a[i]))])

for r in s:

print(r)

1. Write a Python Program to Multiply Two Matrices?

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

b=[[11,12,13],[14,15,16],[17,18,19]]

m=[]

for x in range(len(a)):

tm=[]

for i in range(len(a[x])):

t=0

for j in range(len(a[x])):

t+=a[x][j]\*b[j][i]

tm.append(t)

m.append(tm)

for r in m:

print(r)

1. Write a Python Program to Transpose a Matrix?

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

t=[]

for i in range(len(a)):

tm=[]

for j in range(len(a[i])):

tm.append(a[j][i])

t.append(tm)

print("Original")

for r in a:

print(r)

print("\nTranspose")

for r in t:

print(r)

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

arr=['Write', 'Python', 'Program', 'Sort', 'Words', 'Alphabetic', 'Order']

s=[]

print(arr)

t=""

for i in range(len(arr)-1):

for j in range(len(arr)-1):

t=arr[j]

if t>arr[j+1]:

t=arr[j+1]

arr.remove(t)

s.append(t)

print(s)

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

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

s = input("enter string : ")

new=""

for char in s:

if char not in punctuations:

new+= char

print(new)