1. Write a Python Program to Add Two Matrices?

X = [[1,2,3],

[4 ,5,6],

[7 ,8,9]]

Y = [[19,18,17],

[16,15,14],

[13,12,11]]

result = [[0,0,0],

[0,0,0],

[0,0,0]]

for i in range(len(X)):

for j in range(len(X[0])):

result[i][j] = X[i][j] + Y[i][j]

for r in result:

print(r)

1. Write a Python Program to Multiply Two Matrices?

X = [[1,2,3],

[4 ,5,6],

[7 ,8,9]]

Y = [[19,18,17],

[16,15,14],

[13,12,11]]

result = [[0,0,0],

[0,0,0],

[0,0,0]]

for i in range(len(X)):

for j in range(len(X[0])):

result[i][j] = X[i][j] \* Y[i][j]

for r in result:

print(r)

1. Write a Python Program to Transpose a Matrix?

X = [[1,2,3],

[4 ,5,6],

[7 ,8,9]]

result = [[0,0,0],

[0,0,0],

[0,0,0]]

for i in range(len(X)):

for j in range(len(X[0])):

result[i][j] = X[j][i]

for r in result:

print(r)

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

my\_str = input("Enter a string: ")

words = [word.lower() for word in my\_str.split()]

words.sort()

print("The sorted words are:")

for word in words:

print(word)

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

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

my\_str = input("Enter a string: ")

no\_punct = ""

for char in my\_str:

if char not in punctuations:

no\_punct = no\_punct + char

print(no\_punct)