1. Write a Python Program to Add Two Matrices?

x = [[12,7,3], [4,5,6], [7,8,9]]

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

res = [[0,0,0], [0,0,0], [0,0,0]]

for i in range(len(x)):

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

res[i][j] = x[i][j] + y[i][j]

for b in res:

print(b)

o\p - [17, 15, 4]

[10, 12, 9]

[11, 13, 18]

1. Write a Python Program to Multiply Two Matrices?

x = [[12,7,3], [4,5,6], [7,8,9]]

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

res = [[0,0,0], [0,0,0], [0,0,0]]

for i in range(len(x)):

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

res[i][j] = x[i][j] \* y[i][j]

for b in res:

print(b)

o\p - [60, 56, 3]

[24, 35, 18]

[28, 40, 81]

1. Write a Python Program to Transpose a Matrix?

x = [[12,7,3], [4,5,6], [7,8,9]]

res = [[0,0,0], [0,0,0], [0,0,0]]

for i in range(len(x)):

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

res[j][i] = x[i][j]

for b in res:

print(b)

o\p - [12, 4, 7]

[7, 5, 8]

[3, 6, 9]

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

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

a = my\_str.split()

a.sort()

for i in a:

print(i)

o\p - Enter a string: my name is shweta

is

my

name

shweta

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

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

my\_str = "enter a string :{hgjgh,} gfhfgfh "

a = ""

for i in my\_str :

if i not in punctuations :

a = a + i

print(a)

o\p - enter a string hgjgh gfhfgfh