1. Write a Python Program to Add Two Matrices?

mat1 =np.matrix('1,2,3;2,3,4')

mat2 = np.matrix('11,21,31;21,13,14')

mat1+mat2

1. Write a Python Program to Multiply Two Matrices?

mat1 =np.array(np.arange(6).reshape(2,3))

mat2 = np.array(np.arange(6).reshape(2,3))

mat1 \* mat2

1. Write a Python Program to Transpose a Matrix?

mat1.T

mat1.transpose()

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

my\_str = "Hello this Is an Example With cased letters"

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

words.sort()

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

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

my\_str = "Hello!!!, he said ---and went."

no\_punct = ""

for char in my\_str:

if char not in punctuations:

no\_punct = no\_punct + char

print(no\_punct)