1. Write a Python Program to Add Two Matrices?

**Ans:- import numpy as np**

**def matrix(a, b):**

**return np.add(a, b)**

**c = [[1, 2, 3],[2, 3, 4],[3, 4, 5]]**

**d = [[2, 3, 4],[4, 5, 6],[6, 7, 8]]**

**kapish = matrix(c, d)**

**print(kapish)**

1. Write a Python Program to Multiply Two Matrices?

**Ans:- import numpy as np**

**def matrix(a, b):**

**return np.multiply(a, b)**

**c = [[1, 2, 3],[2, 3, 4],[3, 4, 5]]**

**d = [[2, 3, 4],[4, 5, 6],[6, 7, 8]]**

**kapish = matrix(c, d)**

**print(kapish)**

1. Write a Python Program to Transpose a Matrix?

**Ans:- matrix = [[1, 2, 3],**

**[4, 5, 6]]**

**transposed = list(zip(\*matrix))**

**print(transposed)**

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

**Ans:- c = []**

**a = input("enter a string: ")**

**result = a.split(" ")**

**for i in result:**

**low = i.lower()**

**c.append(low)**

**c.sort()**

**print(c)**

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

**Ans:- def remove\_punctuation(text):**

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

**text\_without\_punctuation = ''**

**for char in text:**

**if char not in punctuations:**

**text\_without\_punctuation += char**

**return text\_without\_punctuation**

**# Example usage:**

**input\_text = input("Enter a string: ")**

**text\_without\_punctuation = remove\_punctuation(input\_text)**

**print("Text without punctuation:", text\_without\_punctuation)**