1. **Write a Python Program to Add Two Matrices?**

```python
X = [[12,7,3],
    [4 ,5,6],
    [7 ,8,9]]

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

result = [[0,0,0],
        [0,0,0],
        [0,0,0]]

# iterate through rows
for i in range(len(X)):
   # iterate through columns
   for j in range(len(X[0])):
      result[i][j] = X[i][j] + Y[i][j]

for r in result:
   print(r)
```

2. **Write a Python Program to Multiply Two Matrices?**

```python
# 3x3 matrix
X = [[12,7,3],
    [4 ,5,6],
    [7 ,8,9]]
# 3x4 matrix
Y = [[5,8,1,2],
    [6,7,3,0],
    [4,5,9,1]]
# result is 3x4
result = [[0,0,0,0],
        [0,0,0,0],
        [0,0,0,0]]

# iterate through rows of X
for i in range(len(X)):
   # iterate through columns of Y
   for j in range(len(Y[0])):
      # iterate through rows of Y
      for k in range(len(Y)):
         result[i][j] += X[i][k] * Y[k][j]

for r in result:
   print(r)
```

3. **Write a Python Program to Transpose a Matrix?**

```
# Program to transpose a matrix using a nested loop

X = [[12,7],
    [4 ,5],
    [3 ,8]]

result = [[0,0,0],
        [0,0,0]]

# iterate through rows
for i in range(len(X)):
  # iterate through columns
  for j in range(len(X[0])):
    result[j][i] = X[i][j]

for r in result:
  print(r)
```

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

```
# Program to sort alphabetically the words from a string provided by the user

my_str = "Hello this Is an Example With cased letters"

# To take input from the user
#my_str = input("Enter a string: ")

# breakdown the string into a list of words
words = [word.lower() for word in my_str.split()]

# sort the list
words.sort()

# display the sorted words

print("The sorted words are:")
for a word in words:
  print(word)
```

5. **Write a Python Program to Remove Punctuation From a String?**

```
# define punctuation

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


my_str = "Hello!!!, he said ---and went."
```

```python
# To take input from the user
# my_str = input("Enter a string: ")


# remove punctuation from the string
no_punct = ""
for char in my_str:
    if char not in punctuations:
        no_punct = no_punct + char


# display the unpunctuated string
print(no_punct)
```