Practical Ques. P6

#perform basic operations on matrices and display specific rows and columns of the matix

```
import numpy as np

matrix1 = np.array([[1, 2, 3],
                    [4, 5, 6],
                    [7, 8, 9]])

matrix2 = np.array([[9, 8, 7],
                    [6, 5, 4],
                    [3, 2, 1]])

# Addition
addition_result = matrix1 + matrix2
print("Addition Result:")
print(addition_result)

# Subtraction
subtraction_result = matrix1 - matrix2
print("\nSubtraction Result:")
print(subtraction_result)

# Multiplication
```

```
multiplication_result = matrix1 * matrix2

print("\nElement-wise Multiplication Result:")

print(multiplication_result)
```

```
Addition Result:
[[10 10 10]
 [10 10 10]
 [10 10 10]]

Subtraction Result:
[[-8 -6 -4]
 [-2  0  2]
 [ 4  6  8]]

Element-wise Multiplication Result:
[[ 9 16 21]
 [24 25 24]
 [21 16  9]]
```