6. Perform basic operations on matrices (like addition, subtraction, multiplication) and display specific rows or columns of the matrix.

```
import numpy as np
    A = np.array([[3, 6, 9], [5, -10, 15], [-7, 14, 21]])
    B = np.array([[9, -18, 27], [11, 22, 33], [13, -26, 39]])
    print("A = \n", A, "\nB = \n", B)

...    A =
    [[ 3      6      9]
        [ 5 -10      15]
        [ -7      14      21]]
    B =
        [[ 9 -18      27]
        [ 11      22      33]
        [ 13      -26      39]]

# Matrix Addition
    C = A + B
    print('C = A + B = \n', C)

...    C = A + B =
    [[ 12      -12      36]
        [ 16      12      48]
        [ 6      -12      60]]

# Matrix Subtraction
    C = A - B
    print('C = A - B = \n', C)

[31]

...    C = A - B
    [[ -6      24 - 18]
    [ -6      -32      -18]
    [ -6      -40      -18]]
```

```
# Matrix Multiplication
C = A.dot(B)
print('C = A * B = \n', C)

... C = A * B = [[210 - 156 630]
[130 - 700 390]
[364 - 112 1092]]

# Print 2nd row of Matrix A
print(A[1:21)

# Print 1st row of Matrix B
print(B[:11)

# Print 2nd column of Matrix B
print(A[:1])

# Print 2nd column of Matrix A
print(A[:1])

# Print 2nd column of Matrix A
print(A[:,1:2])

# Print 2nd column of Matrix A
print(A[:,1:2])

# Print 2nd column of Matrix B
print(A[:,2:3])
```