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Topic:- Array

1. Write a Python program to find inverse of matrix.

2. Write a Python program to find sum of an array elements.

```
In [2]: def sum_of_elements(array):
    return sum(array)
array = [1, 2, 3, 4, 5]
result = sum_of_elements(array)
print("Array:", array)
print("Sum of elements:", result)

Array: [1, 2, 3, 4, 5]
Sum of elements: 15
```

3. Write a Python program to perform multiplication of an array.

```
In [3]:
    def multiply_elements(array):
        result = 1
        for element in array:
            result *= element
        return result
        array = [1, 2, 3, 4, 5]
        result = multiply_elements(array)
        print("Array:", array)
        print("Product of elements:", result)
```

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Array: [1, 2, 3, 4, 5]
Product of elements: 120