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```python
1. import numpy as np
2.
```

```python
a = [1, 2, 3]
b = [4, 5, 6]


hasil = a + b


print(hasil)
```

Output: [1, 2, 3, 4, 5, 6]

```python
3.
```

```python
def add(list_a, list_b):
  result = []
  for first,second in zip(list_a, list_b):
    result.append(first + second)
  return result
```

```python
4.
import numpy as np


nilai_siswa = np.array([85, 55, 40, 90])


print(nilai_siswa[3])
```

Output: 90

```python
5.
print(np.__version__)
```

Output: 1.23.5

```python
6.
#Big 0 notation
##Constant Time (o(1)) complexity
```

Big O notation

Constant Time (o(1)) complexity

7.

```python
print("Hello, World!")
print("Nama saya (Daarel Safa Fatillah)")
print("NIM saya (2022071064)")
```

Output:

Hello, World!

Nama saya (Daarel Safa Fatillah)

NIM saya (2022071064)

8.

```python
if 5 > 2:
  print("Five is Greater than Two!")
```

Output: Five is Greater than Two!

9.

```python
x = 5
y = "john"
print(x)
print(y)
```

Output:

5

John

10.

```python
x = 4
x = "Sally"
print(x)
```

Output: Sally

11.

```python
def getfirst(myList):
    return(myList[0])
getfirst([1,2,3])
```

Output: 1

12.

```python
getfirst([1,2,3,4,5,6,7,8,9])
```

Output: 1

13.

```python
def getsecond(myList):
    return(myList[1])
getsecond([1,2,3,4,5,6,7,8,9])
```

Output: 2

14.

```python
def getlast(myList):
    return(myList[8])
getlast([1,2,3,4,5,6,7,8,9])
```

Output: 9

15.

```python
def getsum(mylist):
  sum = 0
  for item in mylist:
    sum = sum + item
  return sum
getsum([1,2,3,4])
```

Output: 10

16.

```python
def getbagi(mylist):
  bagi = 0
```

```python
  for item in mylist:
    bagi = bagi + item
  return bagi
getbagi([1,2,3,4])/4
```

17.

```python
def getkali(mylist):
  kali = 1
  for item in mylist:
    kali = kali * item
  return kali
getkali([1,2,3,4])
```

Output: 24

```python
def getsum(mylist):
    sum = 0
    for row in mylist:
        for item in row:
            sum += item
    return sum
getsum([[1,2,5],[3,4,7]])
```

Output: 22

```python
def getkurang(mylist):
    kurang = 0
    for row in mylist:
        for item in row:
            kurang -= item
    return kurang
getkurang([[1,2,5],[3,4,7]])
```