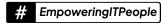


# Larik







# Agenda



Apa itu Larik?

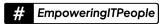


**Larik Multidimensi** 



Latihan





## Apa itu Larik?



Kumpulan variabel yang memiliki indeks. Indeks larik dimulai dari 0.

#### Contoh:

```
var angka = [1,2,3,4,5]
var items = ["laptop", "hp"," mouse"]
```





## Apa itu Larik?



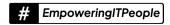
| index  | 0   | 1  | 2  |
|--------|-----|----|----|
| values | 100 | 50 | 75 |

#### Contoh:

```
var scores = [100,50,75];
console.log(scores[0])
```

Apa hasilnya?





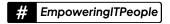


#### Fungsi built-in: fungsi yang sudah disediakan oleh JavaScript.



https://www.w3schools.com/jsref/jsref\_obj\_array.asp





### Larik Multidimensi

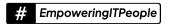


Larik dapat memiliki larik lain dalam anggotanya.

Contoh larik 2 dimensi:

```
var scores = [
  [10, 20, 30],
  [15, 25, 35],
  [5, 7, 9]
]
```





### **Larik Multidimensi**



| index | 0  | 1  | 2  |
|-------|----|----|----|
| 0     | 10 | 20 | 30 |
| 1     | 15 | 25 | 35 |
| 2     | 1  | 3  | 5  |

```
var scores = [
  [10, 20, 30],
  [15, 25, 35],
  [1, 3, 5]
];
```

```
console.log(scores[0][0]);
console.log(scores[1][0]);
```







#### Diketahui sepotong kode:

```
var murid = [
        [1, "Vincent", 3.5],
        [2, "Udin", 3.0],
        [3, "Mamang", 2.1]
]
```

#### Bikin kode yang hasilnya:

```
1. Vincent, IPK = 3.5, Lulus
```

```
2. Udin, IPK = 3.0, Lulus
```

3. Mamang, IPK = 2.1, Gagal

(Syarat lulus IPK minimum 3,0)