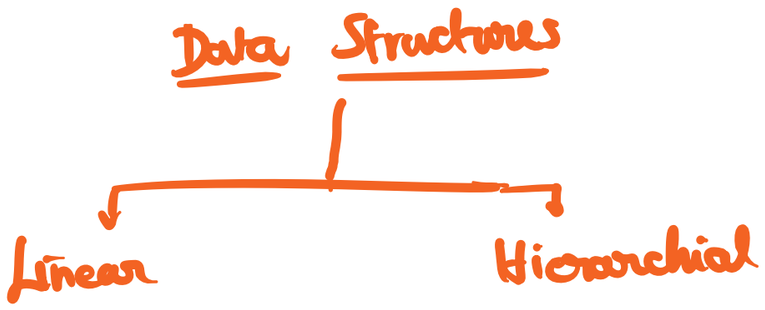
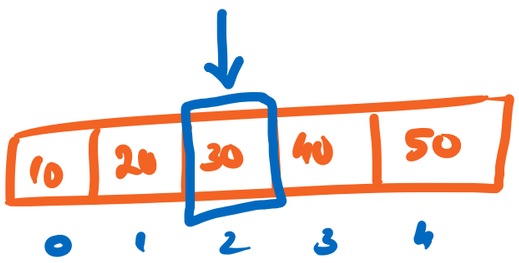


- Array
- Linkedlist
- Stack
- Queue

Arrays

1) Linear datastructure
2) sequential
3) same data type
4) not dynamic
5) random access



3rd

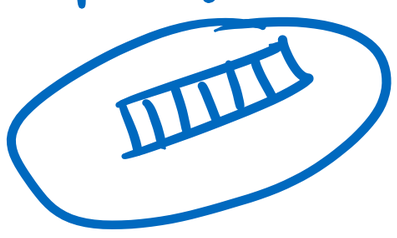
index

n = arr.length

Index → 0 → n-1

10th element → 9th index

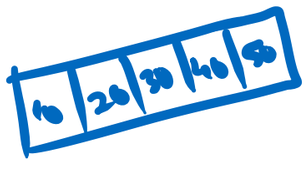
Memory



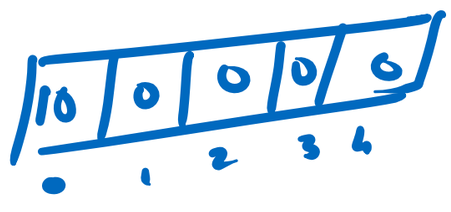
→ initialization

```
int arr[] = {10,20,30,40,50};
```

→ declaration




```
int arr[] = new int[size];
int arr[] = new int[5]
```




```
sysout(arr[0])
arr[0] = 10 //
```