

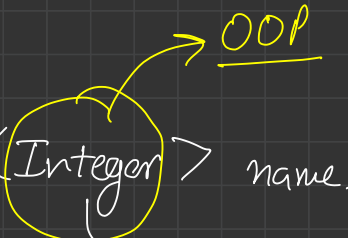


Dynamic Array

↳ ArrayList

declare:

ArrayList < Integer > name_of_AL = new ArrayList < > ();



add Ele

name_of_AL.add(val);

size of AL

name_of_AL.size();

remove

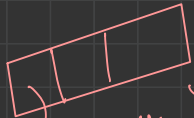
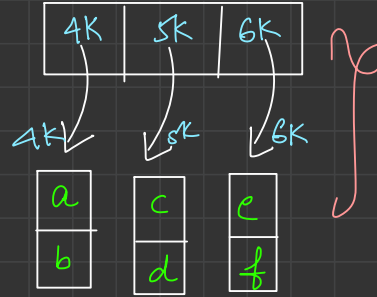
name_of_Ac.remove(index)

→ value at this index to
be removed }

2D ArrayList

Static

→ `int[][] arr = new int[2][3];`



`int a;`

declare int

`int[] arr = new int[10];`

`int[][] arr = new int[10][20];`

a	c	e
b	d	f

2D ArrayList

```
ArrayList<ArrayList<Integer>> list = new ArrayList<>();
```

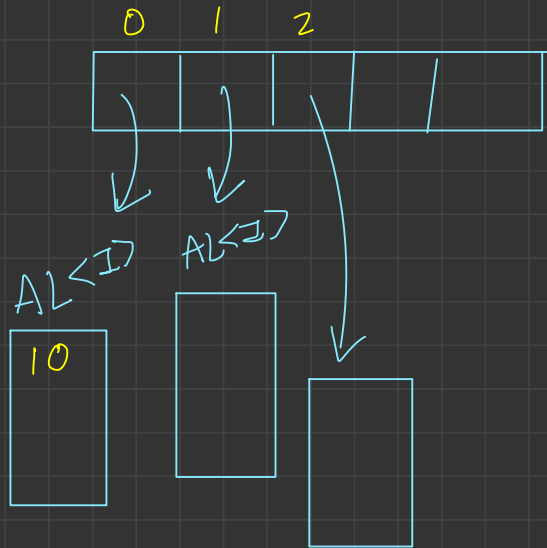
```
ArrayList<Integer> list = new ArrayList<>();
```



Integer

declare 0

```
ArrayList<ArrayList<Integer>> list = new ArrayList<>();
```



```
→ for (int i=0; i<3; i++)  
  {  
    list.add ( new ArrayList<>());  
  }  
→
```

```
{  
  list.get(0).add(10);  
}
```