

Array

→ Syntax

→ how to Assign value

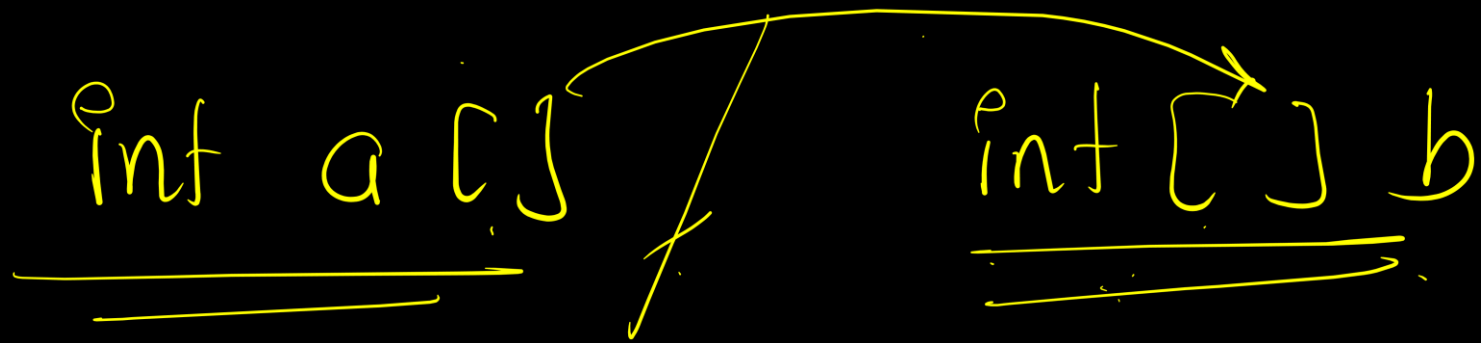
`int a[] = { 1, 2, 3, 4, 5 }`

↪

1	2	3	4	5
---	---	---	---	---

`int a[] = new int[5]`

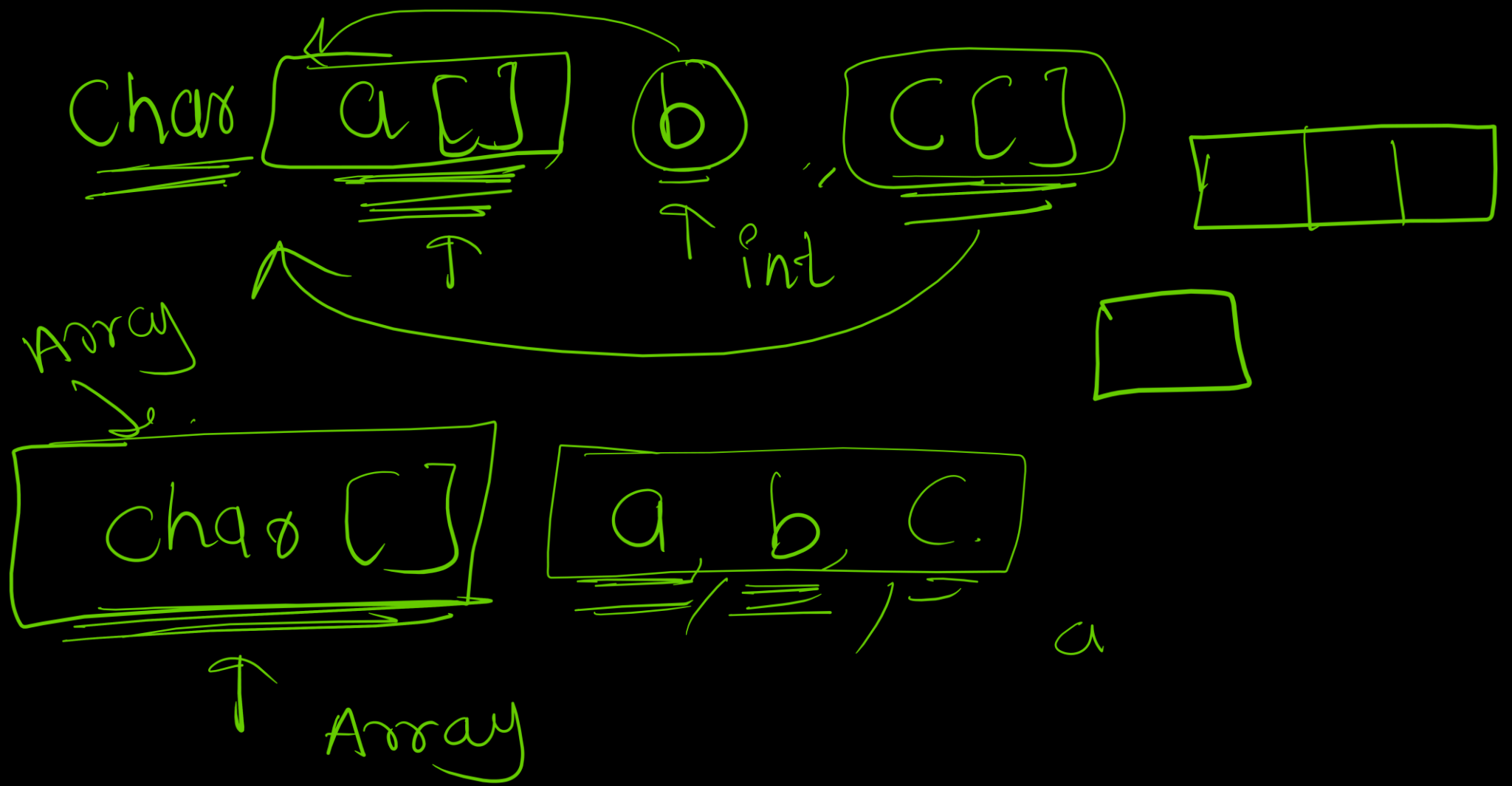
`int [] b = new int[5]`



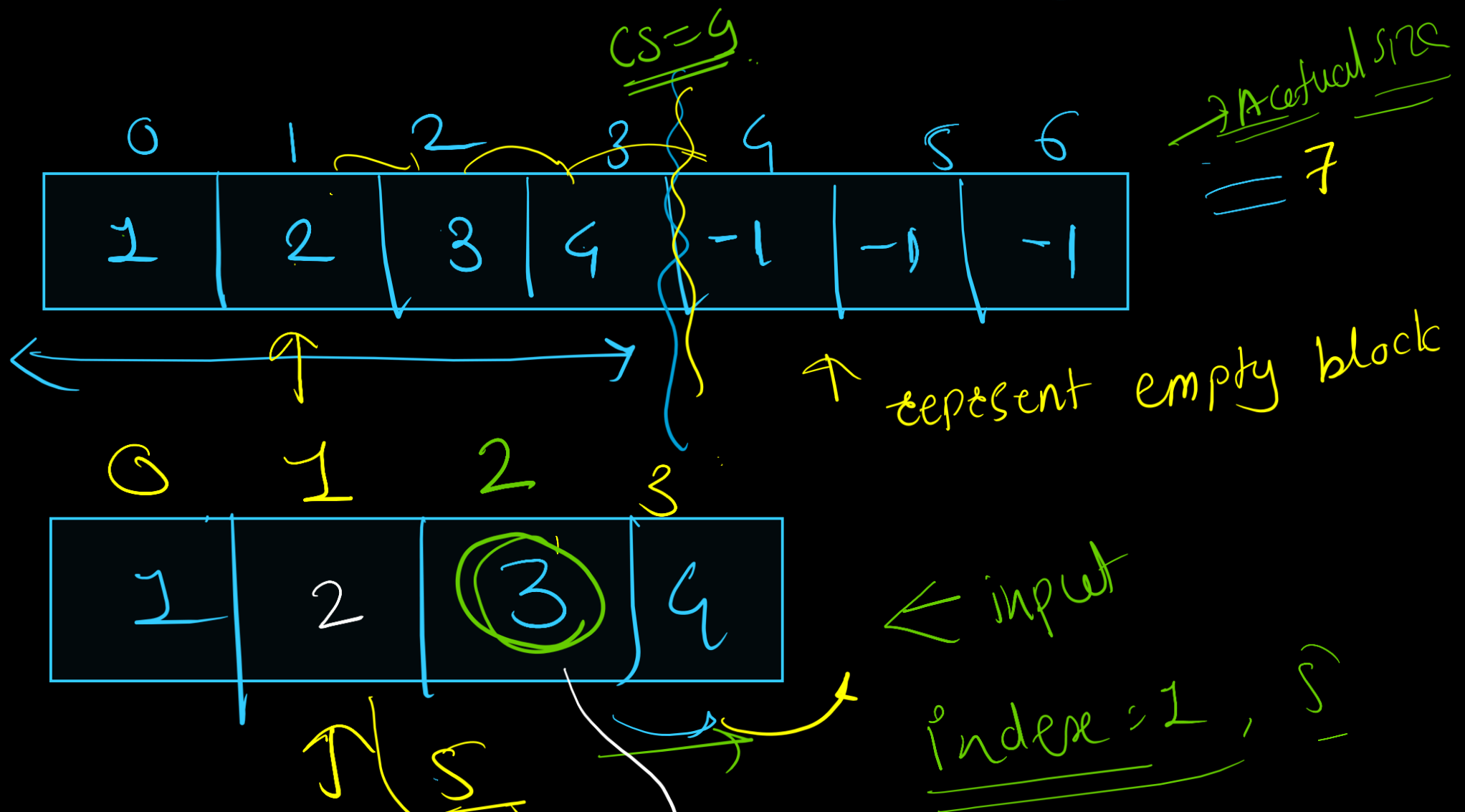
int[] a, b, c
↓
array integer

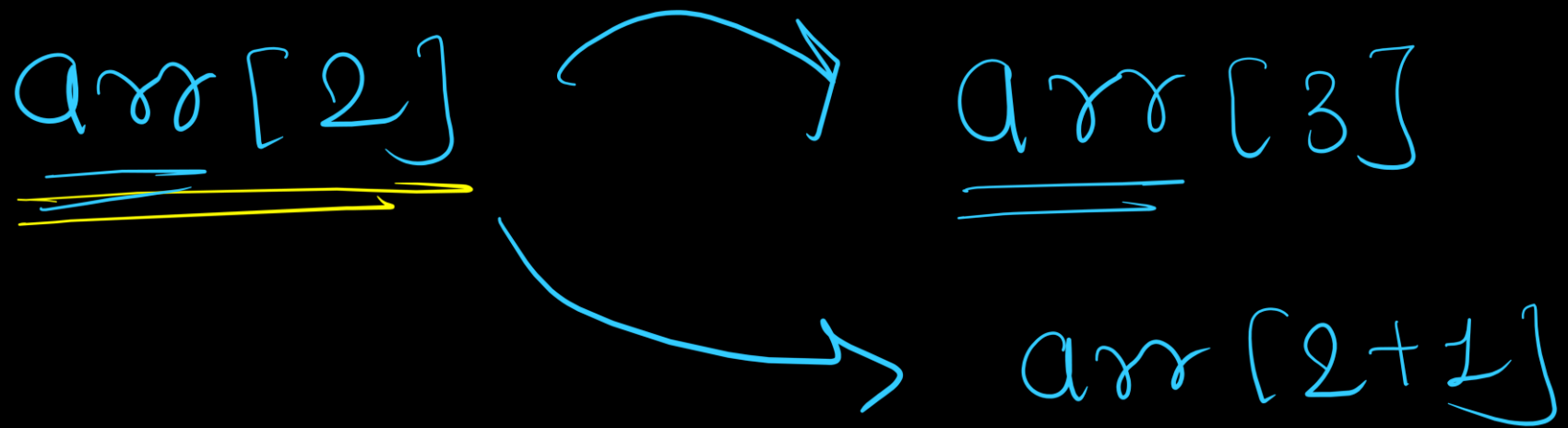
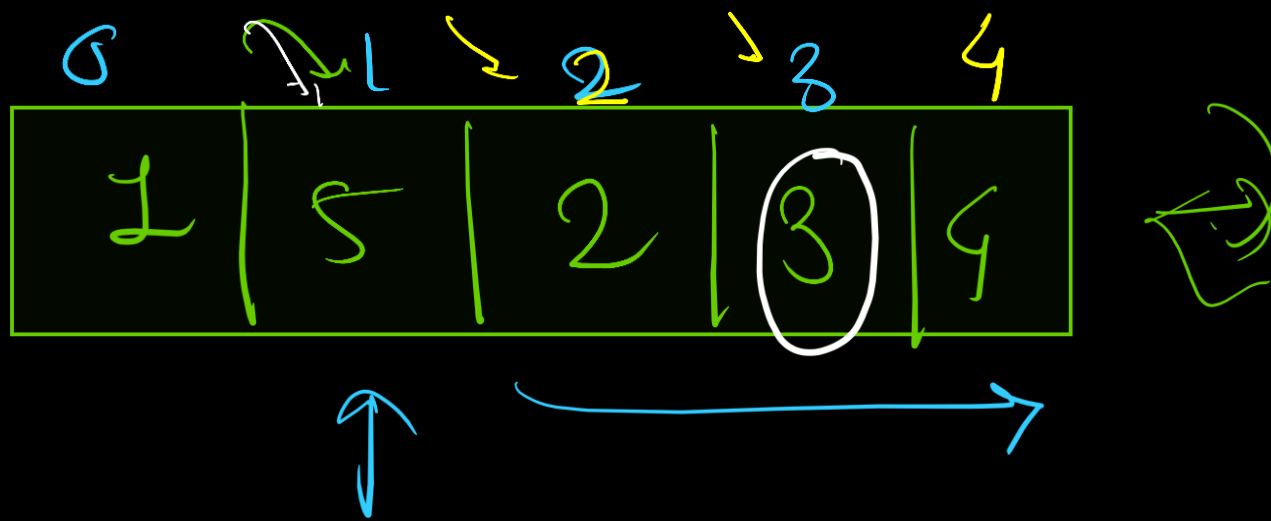
int a[], b[], c[]

int [] a, b, c

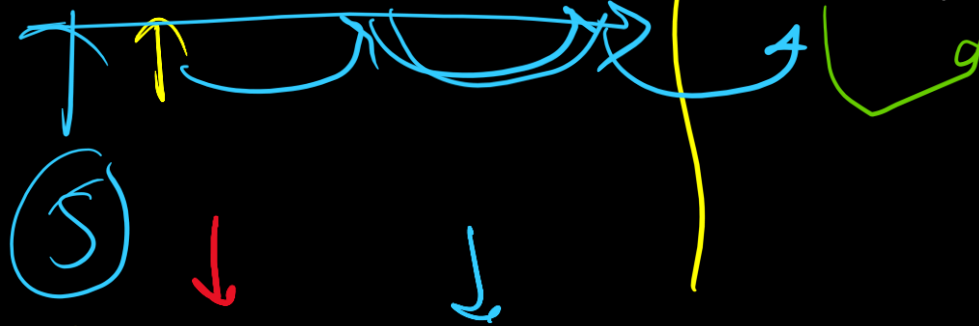


int arr[] = new int [5]





0	1	2	3	4	
1	2	3	4	4	-1



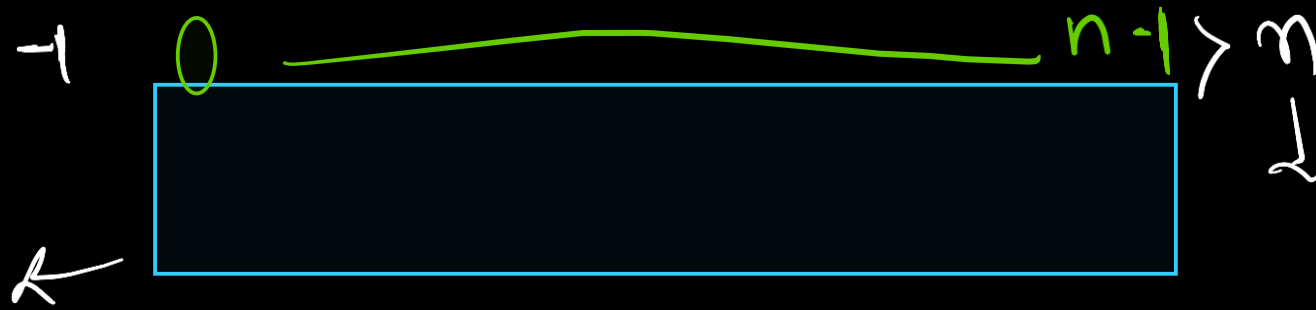
1	2	2
---	---	---

$$arr[i+2] = arr[i]$$

$$arr[4] = arr[3]$$

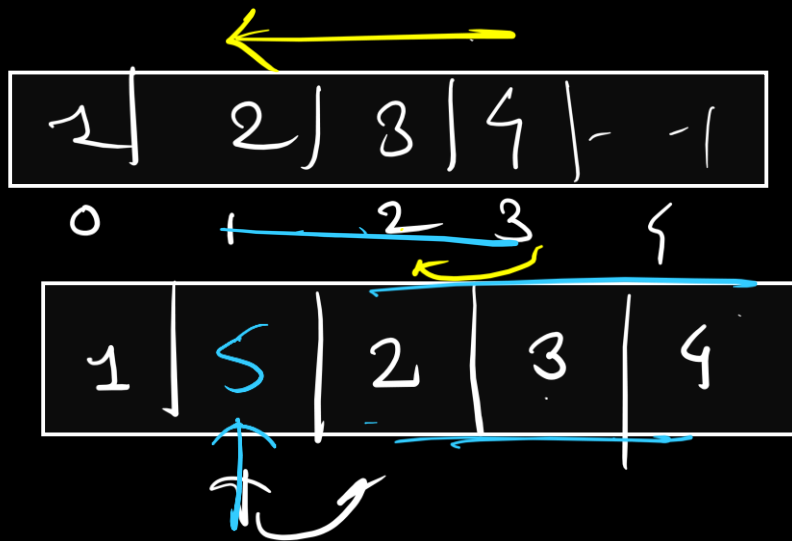
for (i = cube size ; i >= index ; i--) {

}



index = n

if (index < 0 || index >= n) {
 — index invalid
}



7

$i = 2, i < 4; i++$
 $arr[4] = arr[3]$

$3 - 1 = 2$
 $2 + 1 = 3$

Methods

{

}

↑ ↑ ()
return type method name arguments

} method definition

- 1) No Return^{type} with no Arguments
- 2) return type with no Arguments
- 3) no RT with arg
- 4) RT with arg

void solve () { \rightarrow D no RT, no Arg

}

int \rightarrow solve () { RT with no Args

return 1;

}

void solve (int a, int b) { no RT with Arg

print (a+b);

}

int solve (int a, int b) { with RT, with Args

return a+b;

}