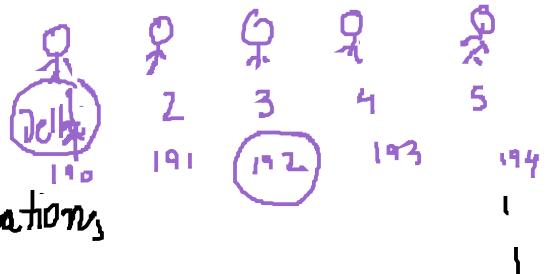


# ADTs



$\text{ADT}_S = \text{Set of Values} + \text{Set of operations}$

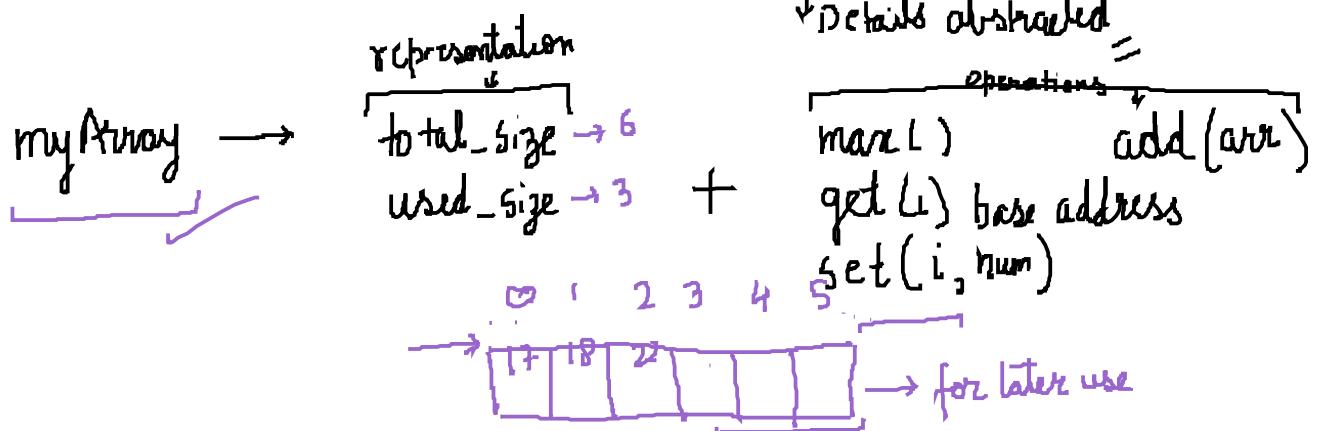
int → 9, 10, 12

$$\boxed{9 + 12 = 21}$$

operator

↓ Details abstracted

2











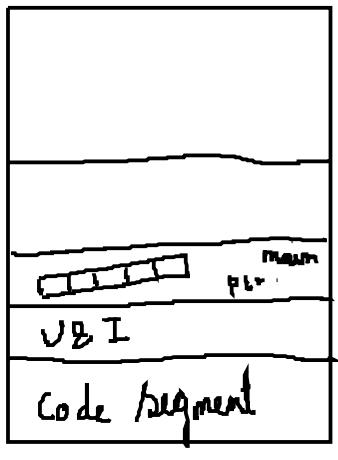












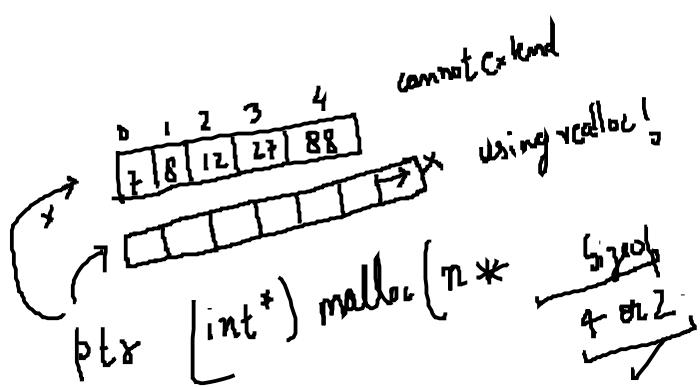
Memory

heap

stack

VB I

Code Segment





## C language Code

```
struct myArray {  
    int total_size; → memory to be reserved  
    int used_size; ↓ → memory to be used!  
};  
Implementation ✓
```