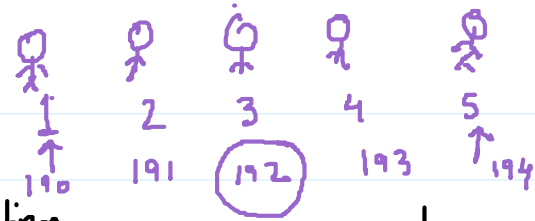


ADTs

Delhi



ADTs = Set of Values + Set of operations

int  $\rightarrow$  9, 10, 12

$$9 + 12 = 21$$

operator

↓ details abstracted

operations

myArray  $\rightarrow$

representation

total\_size  $\rightarrow$  6used\_size  $\rightarrow$  3

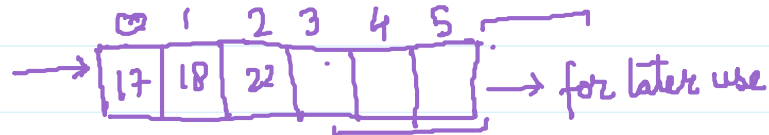
base address

max()

get(i)

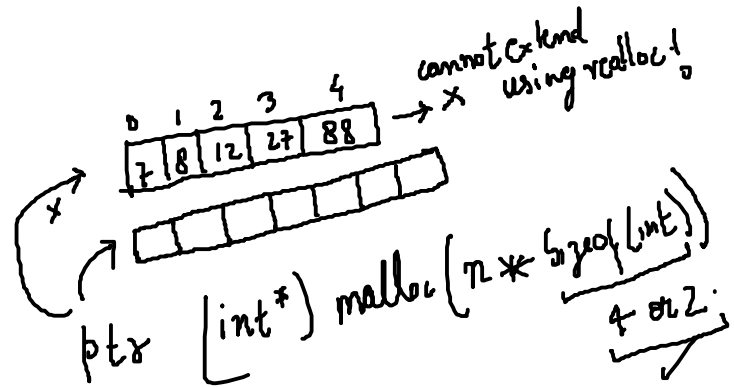
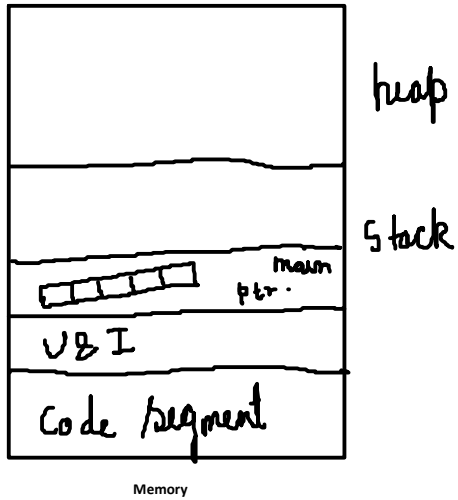
set(i, num)

add(arr)



# Stack/Heap

05 August 2020 12:32



# C language Code

```
struct myArray {
```

```
    int total_size;
```

```
    int used_size;
```

memory to be reserved

memory to be used!

---

Implementation ✓