

### 3.3 - Binar Search - 3

Sunday, November 23, 2025 3:01 PM

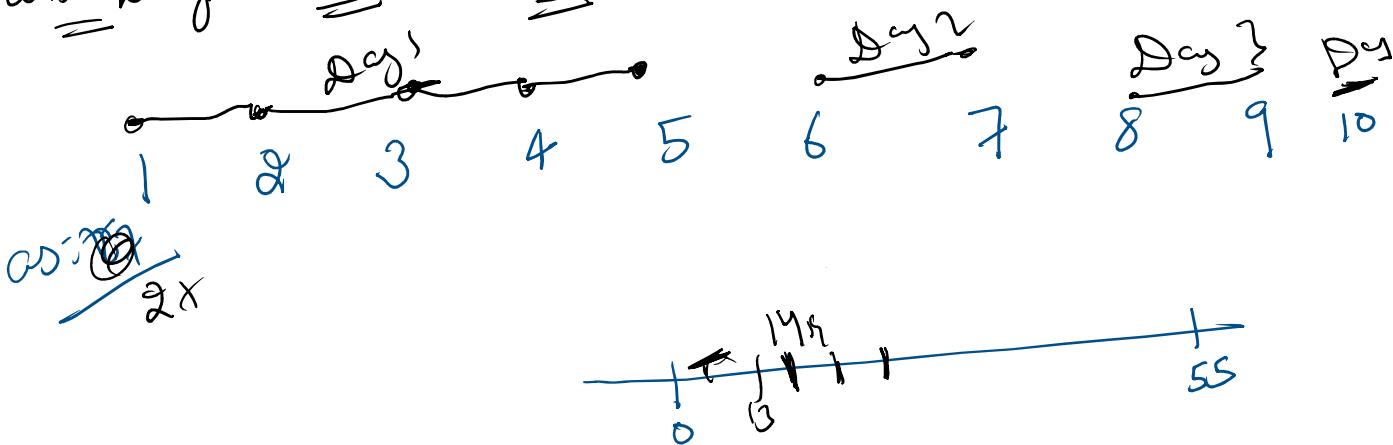
# Binary Search on Answer Space

```
int s = 0;
int e = 100;      ans = -1
```

```
while (s <= e) {
    mid =  $\left(\frac{s+e}{2}\right)$ ;
    if (can Eat(mid)) {
        ans = mid;
        s = mid + 1;
    } else e = mid - 1;
}
```

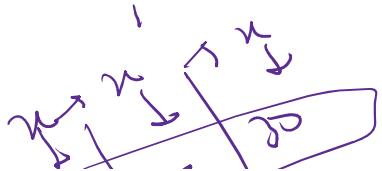
let ans;

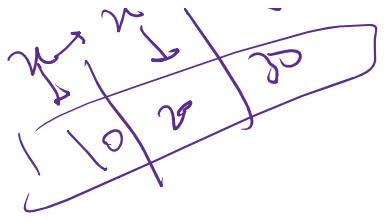
# Min weight to ship packages



→ for - each

```
int arr[10];
for (int i = 0; i < 10; i++) {
    //
```





$\text{list} \leftarrow \text{String} \geq \ell$

for (String  $s$ ,  $\ell$ )  
    //

# Aggressive loops



$$s = 0 \\ e = 10$$

