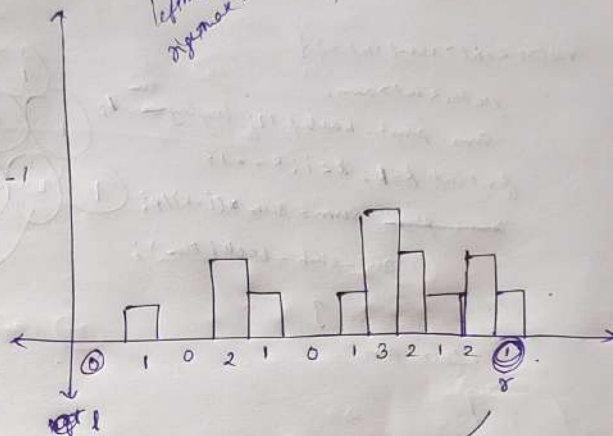


Trapping Rain Water

```
l = 0;
arr
r = arr.size() - 1
while (l < r) {
```



Because of bigger arr[r] water will be stored at smaller side so

```
if (arr[l] < arr[r]) {
```

```
    if (arr[l] < leftmax) {
```

```
        total += leftmax - arr[l];
```

```
    } else { leftmax = arr[l];
```

```
    }
```

```
l++;
```

we consider water stored to be with the maximum seen till now at left of leftmax is at left side water will be stored then

remaining will be stored

New Balance of
biggest arr[i] value will
be stored at biggest side no.

else {

if (arr[i] < rightmax) {

total = rightmax - arr[i];

}

else {

rightmax = arr[i];

}

i--;

} }

return total;

}