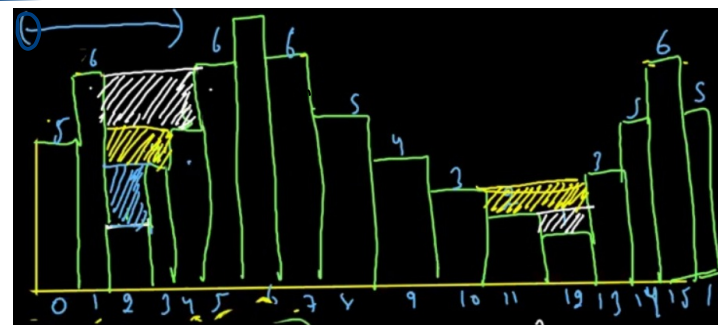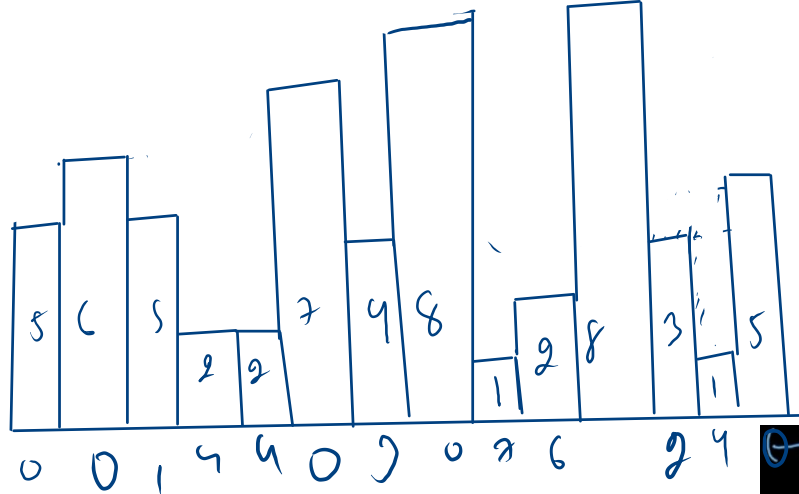```
while (li <= ri)
{
    lMaxBH = max(lMaxBH, height[li]);
    rMaxBH = max(rMaxBH, height[ri]);

    if (lMaxBH <= rMaxBH)
        water += lMaxBH - height[li++];
    else
        water += rMaxBH - height[ri--];
}
```



lmi

r²

5  6  5  2  2  7  4  8  1  2  8  3  1  5

0  0  1  4  4  0  2  0  8  6  2  4

lmax = 6
rmax = 6