(Q4) Follow up of Q2   (Row-wise)

So the

→ Half

if (Half == rem)
✓ good.

But if not
$(diff = Half - rem)$
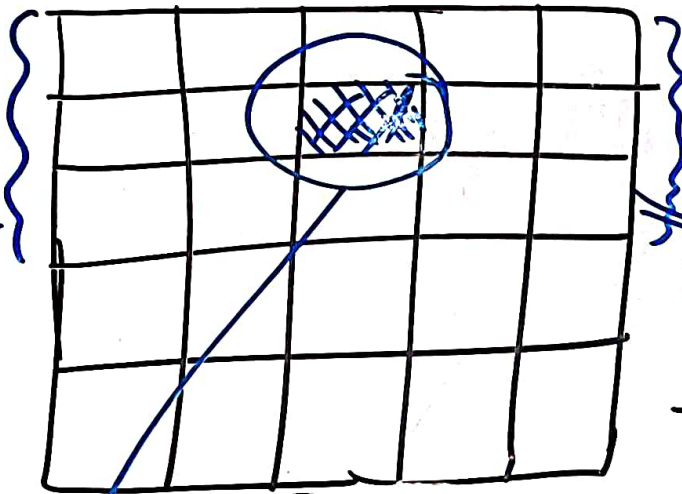
→ Rem = tot - half.

Now if $(diff > 0)$

→ upper half
has more
elements.

Since I can
Remove at most
1 element,
So I need to check
if diff exists in top half.

If diff < 0, then I need to check
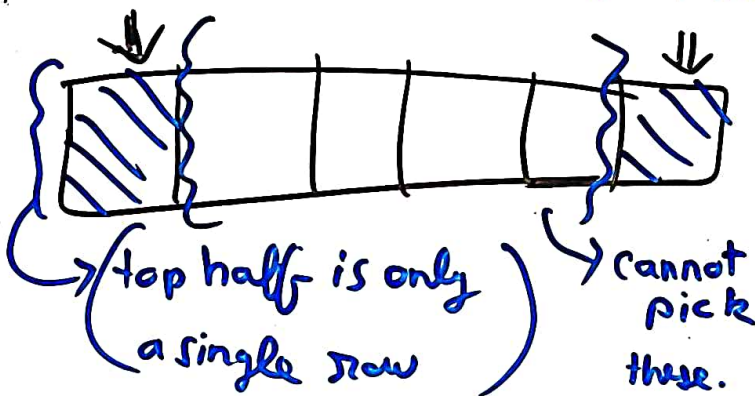if |diff| exists in bottom half.

Q4) Follow up of Q2   (Row-wise)

So the

lets say
you have to
remove from top half.

$\rightarrow$ diff > 0

Condition is that
Component should be
connected. $\rightarrow$ All the
other nodes
can reach
each other
any way

(Case I)
$\rightarrow$ Lets Say if this node
was to be removed, then
ofcourse it is connected from each side.

You can only
pick the
leftmost &
Right most
Cell.

$\rightarrow$ top half is only
a single row

$\rightarrow$ cannot
pick
these.

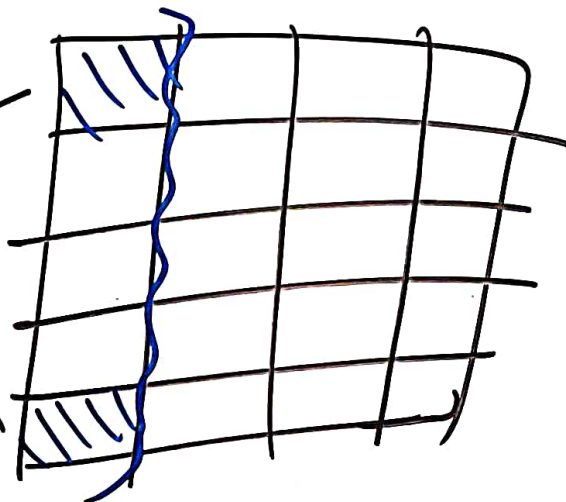**Q4)** Follow up of <u>Q2</u>   (Col-wise)

So the

half   rem

Similarly for col,
check if it <u>exists</u>
on the left half.

Again same as the now
edge case we have
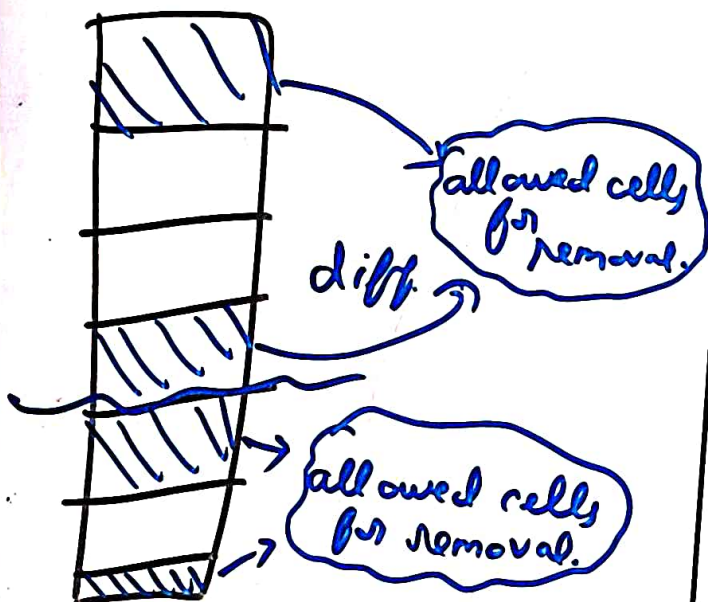the col edge case.
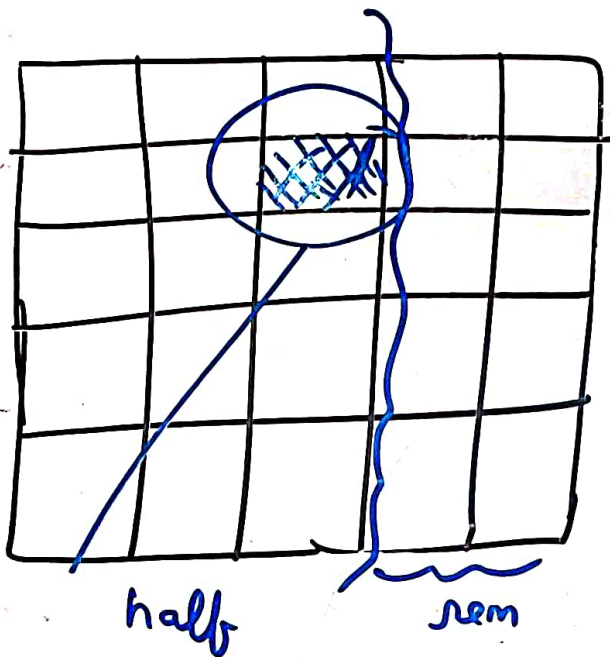
You can pick
only these 2, such
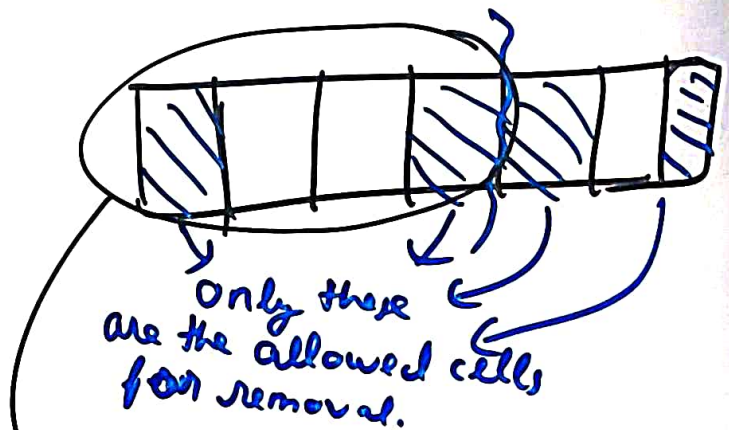that they
remain
   connected.

Q4) Follow up of Q2

Edge case, which I missed and was giving me wrong answer.

Let's say $\binom{n \times 1}{matrix}$

allowed cells for removal.

diff

allowed cells for removal.

$(1 \times m)$ matrix

Only these are the allowed cells for removal.

→ My RMV code would pick any node as the index diff but that could made the component disconnected.