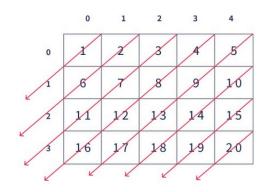
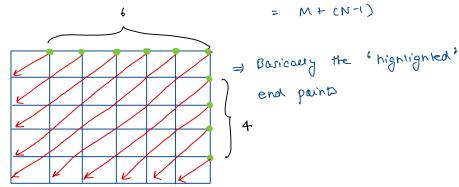
< Question >: Given arr[N][M]. Print all the elements diagonally from right to left.



⇒ For a matrix A[N][M], the total number of diagonals



basically are the diagonals ore storting from 0th row I these diagonals or Starting from last column for each element in the om now go on printing 1,8 it's diagonals by incrementing 2,8 2,3 yow-index and deckmenting 1,8 column - index 4,6 4,8 some for each element in 5,5 5,8

last column as well

## Iteration Logic

1

2

// first loop from index O -> (M-1) -> 0 m Row for Cint i = 0; i < M; i++) { while ( stort Index < N) {

int stort Index = 0, end Index = ij print ( A [ stort Index] [ end Index]; stort Index ++; end Index -- )

```
// decond loop from index 2 \rightarrow N \rightarrow Last Column
for Cint i= 1; i < N; i++) {
    int stort Index = i, end Index = M-1;
    while ( stort Index < N) {
          print ( A [ stort Index] [ end Index];
          stort Index ++;
        end Index -- ;
```