



```
2 ans -= most [n/2] [m/2];
     estur ani,
                    TC: 0(N)
                     SC: 0(1)
count negative numbers
  0 4 3 2 -1 rows de column on in demany order
  3 2 1 -1
                count = 0
Brute forse: for (i=0...m.)
                                   TC: 0(mxn)
             for [ ] = 0 ... m-1)
                 os (i) (i) to
   Decreasing -
       1) Initialise count =0 

Total - ve elements
       2) let no be no g columna, m 1 nows
       of erate on each row of the matrix f
```

find the index of 1st -ve element (left). 3) all element from left to n will be - ve : now is in de creasing other Increment count by (n-left) n ekments in each row  $\frac{BS}{m * logn} = O(mlogn)$ SC: 0(1) 1-0 2 4. 8. 10/ 4 is in away?  $\frac{1}{2} = \frac{0+1}{2} = \frac{1}{2} = 0$ By: Richest austonner wealth (Mastoners Warcounts)  $\frac{1}{4} \frac{2}{1} \frac{3}{2} = \frac{1}{2} \frac{1}{4} \frac{1}{1} \frac{1}{2} = \frac{1}{2} \frac{1}{4} \frac{1}{1} \frac{1}{2} = \frac{1}{4} \frac{1}{4} \frac{1}{1} \frac{1}{2} = \frac{1}{4} \frac{1}{4} \frac{1}{4} \frac{1}{4} = \frac{1}{4} \frac{1}{4}$ 1) calculate sow sum for each row Algorithm: 2) Return row with max. sum TC: 6(M \* N)