Set Matrix Zero:

Bruse Force Approach:

)	ι	l	ſ
ι	D	Ó)
١	(D	1
l	l	(1

We have mark or muke it you and col Bruk fora:

· Ne mark ear row and us when zero is with - I in order to avoid zero conflict

· The mu again vote and mark -1

)	~1	-1	1	with zero
-1	Ď	Ó	-)	1001
-	-(· 0	- 1	
l	-(-(١	

T.C: U(N*H) * D(N+H) + O(N*M) -> 2 0(N3)

Better Approach:

Inthis approach we know by col would hat a southful the now by col would minimum be zono if their exist minimum.

1. Zero

· Ne 1807 Use space sow and col, arer.

· We mu toavers usualle matrix

and mark the row and col

when we come across a Zero

J.C. D (17 NAM) S.C. D (N) + OLH)

better appoo ach we were using row and Optimel Approach: ud. to mark the row and so a swhich shinder (6,0) (95) cd. hu matrix is Ze 00 In oppined approach to optimice the space we use to matrix fixtroward col. as But here problem is for row[o] and COTTOT WE have Same So which was not those in Or. if (mattidled 2 20) mill super at array TON2 MAKIJ[D]C

MAKIJ[D]C

MAKIJ[D]C

After matrhig

We iterate mostrix and avaiding I row and all so avoid wrongly & cet, my

zero in matrix

for (121, f(n, 1++))
for (121, j(m, j++))