Search in a 2D Matrix

→ Using the Binary search

(1) Search the correct row/overlapping row. Find the mid

(2) Midlow → targetwith
mat[midR][0]<c = mat[midR][n-1]

(3) tar > mat[midR][n-1]
SR = mid+1

(4) tar < mat[midR][n-1]
SR = mid+1

(5) tar < mat[midR][0]
SR = mid-1

Another Logic
r=0, c=n-1
while(c>=0 && r<m){
if(tar == m[r][c] — True
if(tar < m[r][c]
c--
if(tar > m[r][c]
r++
}