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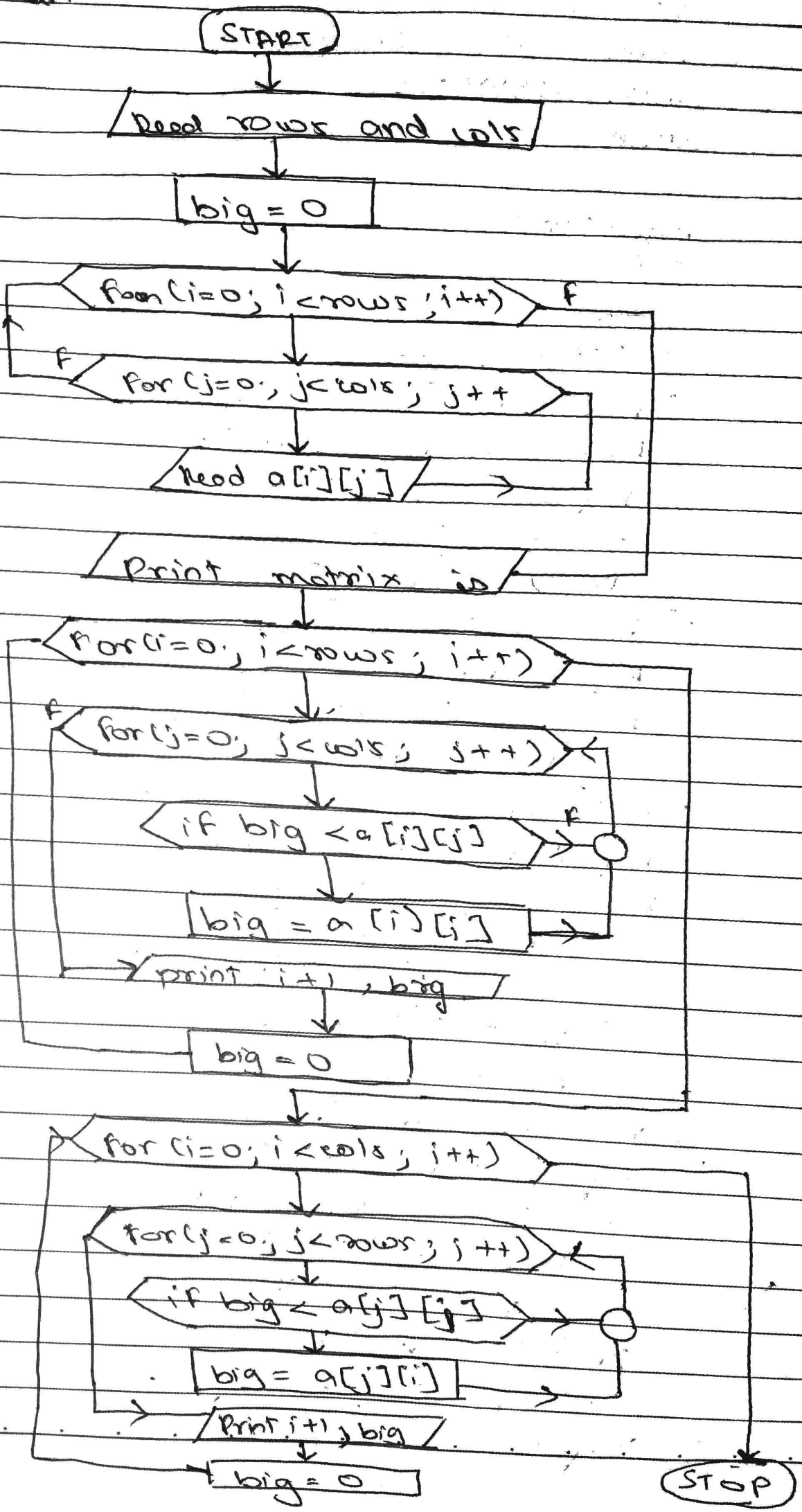
VIN: UBL19CS057

Q. Region.

Algorithm:

1) Start
initialize big → 0
2) Read rows and columns.
3) Read elements of matrix
Repeat for i=0; i<rows ; i++
for j=0; j<cols; j++
Read arr[i][j]
4) Print matrix.
Repeat for i=0 ; i<rows; i++.
for j=0; j<cols ; j++
Print arr[i][j]
5) Maximum element in row.
Repeat for i=0; i<raos ; i++
for j=0; j<cols ; j++
if big < a[i][j]
big = a[i][j]
Print i+1 and big
Initialise big=0
6) maximum element in column.
Repeat for i=0; i<cols; i++
for j=0; j<rows ; j++.
if big < a[j][i]
big = a[j][i]
Print i+1 and big
Initialise big ← 0
7) Stop:

Flowchart


START
Read rows and cols
big = 0
for(i=0; i<rows; i++)
F
F
for(j=0; j<cols; j++
Read a[i][j]
Print matrix is
for(i=0; i<rows; i++)
F
for(j=0; j<cols; j++)
if big < a[i][j]
T
big = a[i][j]
print i+1, big
big = 0
for(i=0; i<cols; i++)
for(j=0; j<rows; j++)
if big < a[j][j]
big = a[j][i]
Print i+1, big
big = 0
STOP