Read Two matrices A and B of size m x n, add two matrices and store it in C Matrix display C in MATRIX Form.

**Input Format:**

1) Read the row size, m

2) Read the column size, n

3) Read the matrix A

4) Read the matrix B

**Output Format:**

Display C in Matrix form

Sample Input:

2

3

1 2 3 4 5 6

1 1 1 1 1 1

Sample Output:

2 3 4

5 6 7

Q2) Read a matrix, check whether the matrix is Identity matrix or not.

#include<stdio.h>

int main ()

{

int m,n,i,j,flag=0;

scanf("%d%d”, &m,&n);

int A[m][n];

for (i=0;i<m;i++)

for(j=0;j<n;j++)

scanf("%d",&A[i][j]);

if (m==n)

{

for (i=0;i<m;i++)

{

for(j=0;j<n;j++)

{

if (i==j&&A[i][j]!=1)

flag=1;

else if (i!=j&&A[i][j]!=0)

flag=1;

}

if (flag==1)

break;

}

if (flag==0)

printf("YES");

else

printf("NO");

}

else

printf("NOT SQUARE MATRIX");

return 0;

}

Q3)Convert to Lower triangular Matrix.