include <stdio.h>

int main()

{

int m,n;

printf("Enter the number of rows and column: \n");

scanf("%d %d",&m,&n);

int arr[10][10];

printf("\nEnter the elements of the matrix: \n");

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

{

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

{

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

}

}

printf("\nThe elements in the matrix are: \n");

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

{

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

{

printf("%d ",arr[i][j]);

}

printf("\n");

}

if(m==n)

{

int upsum=0;

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

{

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

{

if(i<=j)

upsum=upsum+arr[i][j];

}

}

printf("\nThe sum of upper triangular matrix is %d",upsum);

}

else

{

printf("Not Possible to display lower triangular elements sum");

}

return 0;

}