1) Consider following array

   p[3][3]={1,2,3,4,5,6,7,8,9};

   Assume the base address of array p=1000.

   find the address of p[2][3]?

   Note: 2D array follows Row major ordering

2) Write a C program to read a 2D Arrays(Matrix) and print the sum of each row.
3) Write a Function and test the function to find the sum of left diagonals of a matrix
4) Write a C program print or display the lower triangular of a given matrix.
   The matrix
   1 2 3
   4 5 6
   7 8 9
   Setting zero in lower triangular matrix
   1 2 3
   0 5 6
   0 0 9
5) Write a program in C to accept two matrices and check whether they are equal using functions.
6) Write a program to accept elements and print 2D Array using Pointers
7) Write a program in C to find the row with maximum number of 1s using functions
   The given 2D array
   0 1 0 1 1
   1 1 1 1 1
   1 0 0 1 0
   0 0 0 0 0
   1 0 0 0 1
8) Write a function to check whether a matrix is symmetric matrix or not
9) Find the Intersection of two matrices. Sample Input :

A[4][4] = {{2, 4, 6, 8},

{1, 3, 5, 7},

{8, 6, 4, 2},

{7, 5, 3, 1}};

B[4][4] = {{0, 4, 3, 8},

```
    {1, 3, 5, 7},

    {8, 3, 6, 2},

    {4, 5, 3, 4}};
```

Sample Output :

```
* 4 * 8

1 3 5 7

8 * * 2

* 5 3 *
```