

```

//Example 22
#include <stdio.h>
#include <stdlib.h>
#define N 5
#define M 5

void read(int [][], int, int);
void print(int [][], int, int);
int main ()
{
    int i, j, a[N][M];
    read(a, N, M);
    print(a, N, M);
    system("pause");
    return 0;
}

void read(int a[][M], int n, int m)
{
    int i, j;
    for(i = 0; i < n; i++)
    {
        for(j = 0; j < m; j++)
        {
            printf("Enter integer for row %d column %d: ", i,j);
            scanf("%d", &a[i][j]);
        }
    }
}

void print(int a[][M], int n, int m)
{
    int i, j;
    for (i = 0; i < N; i++)
    {
        for(j = 0; j < M; j++)
        {
            printf("a[%d][%d] = %2d\t",i, j,a[i][j]);
        }
        printf("\n");
    }
}

```