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#include<stdio.h>
int main(){

    int i,j,r,c;
    printf("Enter number of rows : ");
    scanf("%d", &r);

    printf("Enter number of columns : ");
    scanf("%d", &c);

    int matrix_1[r][c],matrix_2[r][c],sum[r][c];

    printf("Enter elements of 1st matrix: \n");
    for(i=0;i<r;i++){
        for(j=0;j<c;j++){
            printf("Enter element for Row: %d and Col: %d = ",i+1,j+1);
            scanf("%d", &matrix_1[i][j]);
        }
    }

    printf("Enter elements of 2nd matrix: \n");
    for(i=0;i<r;i++){
        for(j=0;j<c;j++){
            printf("Enter element for Row: %d and Col: %d = ",i+1,j+1);
            scanf("%d", &matrix_2[i][j]);
        }
    }

    for(i=0;i<r;i++){
        for(j=0;j<c;j++){
            sum[i][j] = matrix_1[i][j] + matrix_2[i][j];
        }
    }
    printf("\n Sum of 2 matrices : \n\n");
    for(i=0;i<r;i++){
        for(j=0;j<c;j++){
            printf("\t%d",sum[i][j]);

            printf("\n\n");
        }
    }

    return 0;

}
```