Compile Result

Enter the number of rows and columns of the matrix2
2

Enter the elements of the first matrix2
2
2
2

Enter the elements of the second matrix2
2
2
2

The sum of the two matrices is :

  4
  4
  4
  4

The diff of the two matrices is :

  0
  0
  0
  0

[Process completed - press Enter]

Step 1: Start

Step 2: Declare int m, n, i, j,
        int first[10][10], second[10][10], sum[10][10], dif[10][10]

Step 3: - Read m & n values

Step 4: Read the 1st Matrix elements using for loop

Step 5: Read the 2nd Matrix elements using for loop

Step 6: Logic for Sum and Diff

```
for(i=0; i<m; i++)
    for(j=0; j<n; j++)
    {
        Sum[i][j] = first[i][j] + second[i][j]
        Dif[i][j] = first[i][j] - second[i][j]
    }
```

Step 7: Print result using for loop

Step 8: Stop

```
Start
```

Declare int m,n,i,j;

int first[n][n], second[n][n], sum[n][n], dif[n][n]

Read the m, n Values

Read the first[i][j] value

using for loop

Read the Second[i][j] value

using for loop

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

T

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

T

Sum[i][j] = first[i][j] + second[i][j]

Dif[i][j] = first[i][j] - second[i][j]

T

Print for Sum[i][j]

Print Dif[i][j]

```
Stop
```