

Algorithm

Step 1: start

Step 2: Input m, n

Step 3: Display enter the matrix

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

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

```
Input a[i][j]
```

Step 4: for (i=0; i<m; i++)

```
    rsum = 0
```

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

```
        rsum = rsum + a[i][j]
```

```
    Display sum of the %d row in
```

```
    output rsum
```

Step 5: for (j=0; j<n; j++)

```
    csum = 0
```

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

```
        csum = csum + a[i][j]
```

```
    Display sum of %d column in
```

```
    output csum
```

Step 6: Stop.

Flowchart

