

```
1  #include <stdio.h>
2  int main ()
3  {
4
5      int a[10][10],i, j, m, n, rsum,csum;
6      printf("Enter the order of the matrix\n");
7      scanf("%d %d\n", &m, &n);
8      printf("%d %d\n",m,n);
9      printf("Enter the matrix\n");
10     for (i = 0; i < m; ++i)
11     {
12         for (j = 0; j < n; ++j)
13         {
14             scanf("%d\t", &a[i][j]);
15             printf("%d\t",a[i][j]);
16         }
17         printf("\n");
18     }
19
20     for (i = 0; i < m; i++)
21     {
22         rsum=0;
23         for (j = 0; j < n; j++)
24         {
25
26             rsum = rsum + a[i][j] ;
27         }
28
29         printf("Sum of the %d row is = %d\n", i, rsum);
30     }
31     for (j = 0; j < m; ++j)
32     {
33         csum=0;
34         for (i = 0; i < n; ++i)
35         {
36             csum = csum + a[i][j];
37         }
38
39         printf("Sum of the %d column is = %d\n", j, csum);
40     }
41 }
42
43
```

```

31     for (j = 0; j < m; ++j)
32     {
33         csum=0;
34         for (i = 0; i < n; ++i)
35         {
36             csum = csum + a[i][j];
37         }
38
39         printf("Sum of the %d column is = %d\n", j, csum);
40
41     }
42 }
43

```

41:5

Open File

Custom Input

```

2 2
1 2
3 4 |

```

**Status** Successfully executed **Date** 2020-06-12 13:18:14 **Time** 0 sec **Men**

**Input**

```

2 2
1 2
3 4

```

**Output**

```

1 2
3 4
Sum of the 0 row is = 3
Sum of the 1 row is = 7
Sum of the 0 column is = 4
Sum of the 1 column is = 6

```