

## Sum of the matrix:

```
1  #include <stdio.h>
2  int main() {
3      int m, n, i, j;
4      scanf("%d %d", &m, &n);
5      int a[m][n], b[m][n], sum[m][n];
6      for( i=0; i<m; i++)
7          for( j=0; j<n; j++)
8              scanf("%d", &a[i][j]);
9      for(i=0; i<m; i++)
10         for( j=0; j<n; j++)
11             scanf("%d", &b[i][j]);
12     for( i=0; i<m; i++){
13         for( j=0; j<n; j++)
14             printf("%d ", a[i][j]+b[i][j]);
15         printf("\n");
16     }
17     return 0;
18 }
```

## Output:

```
3
3
1
2
3
4
5
6
7
8
9
9
8
7
6
5
4
3
2
1
10 10 10
10 10 10
10 10 10

-----
Process exited after 23.01 seconds with return value 0
Press any key to continue . . . |
```