



main.c

Output



```
1  #include <stdio.h>
2
3  int main() {
4      int a[2][2], b[2][2], sum[2][2];
5      int i, j;
6
7      printf("Enter elements of first matrix
      : \n");
8      for(i = 0; i < 2; i++) {
9          for(j = 0; j < 2; j++) {
10             scanf("%d", &a[i][j]);
11         }
12     }
13     printf("Enter elements of second matrix
      : \n");
14     for(i = 0; i < 2; i++) {
15         for(j = 0; j < 2; j++) {
16             scanf("%d", &b[i][j]);
17         }
18     }
19     for(i = 0; i < 2; i++) {
20         for(j = 0; j < 2; j++) {
21             sum[i][j] = a[i][j] + b[i][j];
22         }
23     }
24     printf("Sum of two matrices: \n");
25     for(i = 0; i < 2; i++) {
26         for(j = 0; j < 2; j++) {
27             printf("%d ", sum[i][j]);
28         }
29         printf("\n");
30     }
31     return 0;
32 }
```

Run

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main.c

Output



Enter elements of first matrix:

1 2

3 4

Enter elements of second matrix:

5 7

7 8

Sum of two matrices:

6 9

10 12

=== Code Execution Successful ===