



main.c

Output



```
1  #include <stdio.h>
2
3  int main() {
4      int a[2][2]; // Declare a 2x2
        array
5      int i, j;
6
7      // Input elements
8      printf("Enter 4 numbers (for 2x2
        matrix):\n");
9      for(i = 0; i < 2; i++) {
10         for(j = 0; j < 2; j++) {
11             scanf("%d", &a[i][j]);
12         }
13     }
14
15     // Display elements
16     printf("The 2x2 matrix is:\n");
17     for(i = 0; i < 2; i++) {
18         for(j = 0; j < 2; j++) {
19             printf("%d ", a[i][j]);
20         }
21         printf("\n");
22     }
23
24     return 0;
25 }
```

Run



main.c

Output



Enter 4 numbers (for 2x2 matrix):

1 2 3 4

The 2x2 matrix is:

1 2

3 4

=== Code Execution Successful ===