

DeepakGontla/CSA0302-Data- x | FREE AI Code Generator: Gener x | Online C Compiler - Programiz x +

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main.c

```
1 #include <stdio.h>
2
3 #define ROWS 3
4 #define COLS 3
5
6 void addMatrices(int first[ROWS][COLS], int second[ROWS][COLS], int result[ROWS][COLS]) {
7     for (int i = 0; i < ROWS; i++) {
8         for (int j = 0; j < COLS; j++) {
9             result[i][j] = first[i][j] + second[i][j];
10        }
11    }
12 }
13
14 int main() {
15     int first[ROWS][COLS] = {
16         {1, 2, 3},
17         {4, 5, 6},
18         {7, 8, 9}
19     };
20
21     int second[ROWS][COLS] = {
22         {9, 8, 7},
23         {6, 5, 4},
24         {3, 2, 1}
25     };
26
27     int result[ROWS][COLS];
```

Run

Output

Resultant Matrix:

```
10 10 10
10 10 10
10 10 10
```

==== Code Execution Successful ===

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