Programiz
C Online Compiler

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main.c   [ ] ☾ ⊗ Share **Run**

```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];
```

Output   Clear

```
Resultant Matrix:
10 10 10
10 10 10
10 10 10


=== Code Execution Successful ===
```

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