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Online Compiler

main.c



Run

Output

```
1 #include <stdio.h>
2 #define N 3
3 int main() {
4     int matrix1[N][N] = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};
5     int matrix2[N][N] = {{9, 8, 7}, {6, 5, 4}, {3, 2, 1}};
6     int result[N][N];
7     int i, j, k;
8     for (i = 0; i < N; i++) {
9         for (j = 0; j < N; j++) {
10             int sum = 0;
11             for (k = 0; k < N; k++) {
12                 sum += matrix1[i][k] * matrix2[k][j];
13             }
14             result[i][j] = sum;
15         }
16     }
17     printf("Result Matrix:\n");
18     for (i = 0; i < N; i++) {
19         for (j = 0; j < N; j++) {
20             printf("%d ", result[i][j]);
21         }
22         printf("\n");
23     }
24     return 0;
25 }
```

/tmp/a3BSd7bTgm.o

Result Matrix:

30 24 18

84 69 54

138 114 90

=== Code Execution Succe



Search

