#include <stdio.h>

int main() {

int A[2][3] = {{1, 2, 3}, {4, 5, 6}};

int B[3][2] = {{7, 8}, {9, 10}, {11, 12}};

int C[2][2];

// Multiply A and B into C

for (int i = 0; i < 2; i++) {

for (int j = 0; j < 2; j++) {

C[i][j] = 0;

for (int k = 0; k < 3; k++) {

C[i][j] += A[i][k] \* B[k][j];

}

}

}

// Display result

printf("Resultant Matrix:\n");

for (int i = 0; i < 2; i++) {

for (int j = 0; j < 2; j++) {

printf("%d ", C[i][j]);

}

printf("\n");

}

return 0;

}