Output:

hp@hp-HP-Laptop-15s-fr2xxx:~/C\_Programs$ cc matrix\_multiplication.c

hp@hp-HP-Laptop-15s-fr2xxx:~/C\_Programs$ ./a.out

Enter the order of the matrix A 3 3

Enter the order of the matrix B 3 3

Enter 9 elements into matrix A 1 2 3 1 2 3 1 2 3

The matrix A is:

1 2 3

1 2 3

1 2 3

Enter 9 elements into matrix B 1 2 3 1 2 3 1 2 3

The matrix B is:

1 2 3

1 2 3

1 2 3

The product matrix is:

6 12 18

6 12 18

6 12 18

hp@hp-HP-Laptop-15s-fr2xxx:~/C\_Programs$