**public** **class** MatrixMultiplication {

**public** **static** **void** main(String[] args) {

**int** m1[][] = {

{1,2,3},

{4,5,6}

};

**int** m2[][] = {

{7,8},

{9,10},

{11,12}

};

**int** sum=0;

**int** r[][] = **new** **int**[2][2];

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

{

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

{

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

{

sum= sum + m1[i][k]\*m2[k][j];

}

r[i][j] = sum;

sum=0;

}

}

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

{

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

{

System.***out***.print(r[i][j] + " ");

}

System.***out***.println();

}

}

}