**package** com;

**public** **class** MatrixProgramme {

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

**int** mat1[][]={{3,1,2},{2,3,2},{3,4,3}};

**int** mat2[][]={{1,2,1},{2,1,2},{2,1,3}};

**int** matrixresult[][]=**new** **int**[3][3];

System.***out***.println("Multiplication of two matrices is");

**for**(**int** i=0;i<3;i++){

**for**(**int** j=0;j<3;j++){

matrixresult[i][j]=0;

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

{

matrixresult[i][j]+=mat1[i][k]\*mat2[k][j];

}

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

}

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

}

}

}

