## Nama : Arif iik haerudin NIM : 181011400201

```
public class MultiplyMatrices {
    public static void main(String[] args) {
        int r1 = 2, c1 = 3;
        int r2 = 3, c2 = 2;
        int[][] matrixPertama = { {3, -2, 5}, {3, 0, 4} };
        int[][] matrixKedua = { {2, 3}, {-9, 0}, {0, 4} };
        int[][] produk = multiplyMatrices(matrixPertama, matrixKedua, r1, c1,
c2);
                displayProduk(produk);
    }
    public static int[][] multiplyMatrices(int[][] matrixPertama, int[][]
matrixKedua, int r1, int c1, int c2) {
        int[][] produk = new int[r1][c2];
        for(int i = 0; i < r1; i++) {
            for (int j = 0; j < c2; j++) {
                for (int k = 0; k < c1; k++) {
                    produk[i][j] += matrixPertama[i][k] * matrixKedua[k][j];
            }
        }
        return produk;
    }
    public static void displayProduk(int[][] produk) {
        System.out.println("Produk of two matrices is: ");
        for(int[] row : produk) {
            for (int column : row) {
                System.out.print(column + " ");
            System.out.println();
        }
   }
}
```