

Phase-1 Practice Project: Assisted Practice

4. Write a program in Java to multiply two matrices

source code:

```
public class Multiply2matrix{  
    public static void main(String args[]){  
  
        int a[][]={{1,1,1},{2,2,2},{3,3,3}};  
        int b[][]={{1,1,1},{2,2,2},{3,3,3}};  
  
        int c[][]=new int[3][3];  
  
        for(int i=0;i<3;i++){  
            for(int j=0;j<3;j++){  
                c[i][j]=0;  
                for(int k=0;k<3;k++){  
                    {  
                        c[i][j]+=a[i][k]*b[k][j];  
                    }  
                }  
                System.out.print(c[i][j]+" ");  
            }  
            System.out.println();  
        }  
    }  
}
```

