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#include<stdio.h>
#include<stdlib.h>

long long** newMatrix(int row, int col)
{
    int i;
    long long** M=(long long**)malloc( row*sizeof(long long*) );
    for(i=0;i<row;++i)
        M[i]=(long long*)malloc( col*sizeof(long long) );
    return M;
}

void delMatrix(long long** M, int row, int col)
{
    int i;
    for(i=0;i<row;++i)
        free(M[i]);
    free(M);
}

int main()
{
    int m,n,r,s;
    long long** A;
    long long** B;
    long long** C;
    long long a,b,c;
    int i,j,k;

    while( scanf( "%d %d", &m, &n) !=EOF)
    {
        //A: m*n
        A=newMatrix(m,n);
        for(i=0;i<m;++i)
            for(j=0;j<n;++j)
                scanf("%lld",&A[i][j]);

        //B: r*s
        scanf( "%d %d", &r, &s);
        B=newMatrix(r,s);
        for(i=0;i<r;++i)
            for(j=0;j<s;++j)
                scanf("%lld",&B[i][j]);
        if(n!=r)
        {
            puts("error");
            continue;
        }

        //C: m*s
        C=newMatrix(m,s);
        for(i=0;i<m;++i)
        {
            for(j=0;j<s;++j)
            {
                C[i][j]=0;
                for(k=0;k<n;++k)
                    C[i][j] += A[i][k]*B[k][j];
                if(j) putchar(' ');
                printf("%lld",C[i][j]);
            }
            putchar('\n');
        }
        delMatrix(A,m,n);
        delMatrix(B,r,s);
        delMatrix(C,m,s);
    }
}

```

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    return 0;  
}
```