

```

1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int i,j,n,k;
8      cin>>n;
9      int a[n][n],b[n][n],c[n][n],S;
10     cout<<"Prima matrice este:"<<endl;
11     for(i=1;i<=n;i++)
12         for(j=1;j<=n;j++)
13             cin>>a[i][j];
14     cout<<"A doua matrice este: "<<endl;
15     for(i=1;i<=n;i++)
16         for(j=1;j<=n;j++)
17             cin>>b[i][j];
18     for(i=1;i<=n;i++){
19         for(j=1;j<=n;j++)
20             {S=0;
21                 for(k=1;k<=n;k++)
22                     S=S+a[i][k]*b[k][j];
23             c[i][j]=S;}
24     }
25
26     for(i=1;i<=n;i++){
27         for(j=1;j<=n;j++)
28             cout<<c[i][j]<<" ";
29         cout<<endl;
30     }
31
32     return 0;
33 }

```