

```

1 // Ex 4 b,c
2 #include <iostream>
3
4 using namespace std;
5
6 int main()
7 {
8     int B[8][8],A[8][8],C[8][8],p=1,i,j,k,n,s=0;
9     cin>>n;
10    for(i=1;i<=n;i++)
11        for(j=1;j<=n;j++)
12            cin>>B[i][j];
13    for(i=1;i<=n;i++)
14        {for(j=1;j<=n;j++)
15            cout<<B[i][j]<<" ";
16            cout<<endl;}
17    for(i=1;i<=n;i++)
18        for(j=1;j<=n;j++)
19            {
20                if(j%2!=0)
21                    p=p*B[i][j];
22            }
23    cout<<"b) Produsul de pe coloanele impare este: "<<p<<endl;
24
25    for(i=1;i<=n;i++)
26        for(j=1;j<=n;j++)
27            C[i][j]=B[i][j]+B[j][i];
28
29    for(i=1;i<=n;i++){
30        for(j=1;j<=n;j++)
31        {
32            s=0;
33            for(k=1;k<=n;k++)
34                s=s+C[i][k]*C[k][j];
35            A[i][j]=s;}
36    }
37    cout<<"c) A=(B+Bt)^2= "<<endl;
38    for(i=1;i<=n;i++)
39        {for(j=1;j<=n;j++)
40            cout<<A[i][j]<<" ";
41            cout<<endl;}
42
43    return 0;
44 }

```