

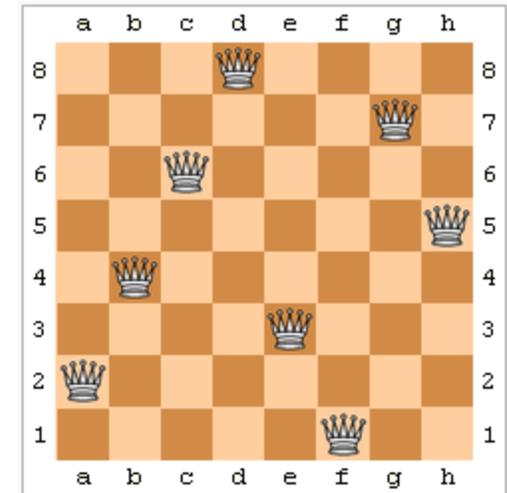


Problema celor 8 dame

```

#include <iostream>
#include <cmath>
using namespace std;
int n,v[100],sol;
void afisare ()
{int i,j,x;
sol++; cout <<"\n Solutia: " <<sol<<' \n';
for (i=1;i<=n;i++)
    {
    for (j=1;j<=n;j++)
    if (v[i]==j) cout <<"D ";
    else cout <<"_ ";
    cout <<' \n';
    }
}

```





```
int valid (int k)
{
    int i;
    for (i=1;i<=k-1;i++)
        if ((v[i]==v[k]) || (abs(v[k]-v[i])==(k-i)))
            return 0;
        return 1;
}
```

```
int solutie (int k)
{
    if (k==n)
        return 1;
    return 0;
}
```

