

2. question

```
#include <bits/stdc++.h>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    ios_base::sync_with_stdio(false);
```

```
    cin.tie(NULL);
```

```
    cout.tie(NULL);
```

```
    long long int n;
```

```
    cin>>n;
```

```
    string s;
```

```
    long long int MOD = 1e9+7;
```

```
    vector<vector<long long int>> dp(n+1,vector<long long int> (n+1,0));
```

```
    dp[0][0] = 1;
```

```
    for(long long int i=0;i<n;i++)
```

```
    {
```

```
        cin>>s;
```

```
        for(long long int j=0;j<n;j++)
```

```
        {
```

```
            if(s[j] != '*')
```

```
            {
```

```
                if(i>0)
```

```
                {
```

```
                    dp[i][j] += dp[i-1][j];
```

```
                    dp[i][j] %= MOD;
```

```
                }
```

```
                if(j>0)
```

```
                {
```

```
                    dp[i][j] += dp[i][j-1];
```

```
                    dp[i][j] %= MOD;
```

```
                }
```

```
            }
```

```
        else
```

```
        {
```

```
            dp[i][j] = 0;
```

```
        }
```

```
    }
```

```
}
```

```
cout<< ( n>0 ? (dp[n-1][n-1] % MOD) : -1);  
return 0;  
}
```