

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

```
using namespace std;
```

```
int n;
```

```
int num;
```

```
char a[102][102]; // size = 1024^2 integers
```

```
void
```

```
readdata(){
```

```
int i, j;
```

```
cin >> n;
```

```
for(i = 1; i <= n; i++){
```

```
    for(j = 1; j <= n; j++){
```

```
        cin >> a[i][j];
```

```
    }
```

```
}
```

```
}
```

```
void
```

```
checkread(){
```

```
int i, j;
```

```
    for(i = 1; i <= n; i++){
```

```
        for(j = 1; j <= n; j++){
```

```
            cout << a[i][j];
```

```
        }
```

```
        cout << endl;
```

```
}
```

```
}
```

```
int
```

```
work(){
```

```
int i, j;
```

```
for(i = 1; i <= n; i++){
```

```
    for(j = 1; j <= n; j++){
```

```
        num = 0;
```

```
        if(a[i + 1][j] == 'o'){
```

```
            num ++;
```

```
        }
```

```
        if(a[i][j + 1] == 'o')
```

```
            num ++;
```

```
        if(i && a[i - 1][j] == 'o')
```

```
            num ++;
```

```
        if(j && a[i][j - 1] == 'o')
```

```
            num ++;
```

```
        // cout << num << endl;
```

```
    if(num % 2 == 1){  
        return 0;  
    }  
}  
return 1;  
}
```

```
int main() {  
    // your code goes here  
    // i = row, j = column  
    int answer;  
    readdata();  
    // checkread();  
    answer = work(); //answer = 0, NO; answer = 1, yes  
    if(answer == 0)  
        cout << "NO" << endl;  
    else  
        cout << "YES" << endl;  
  
    return 0;  
}
```