

```
1 # 12-linkedlist
2
3 ## `.h`
4
5 - `ifndef`
6
7 ## `CMakeLists.txt`
8
9 - `ll/ll.h` or `ll/ll.c`
10
11 ## `ll.h`
12
13 - `struct node`
14 - `struct ll`
15
16 - `Init`
17 - `Free`
18
19 ## `ll.c`
20
21 ## `josephus.c`
22 - `SitAroundCircle`
23 - `Append`
24 - Special Case: `IsEmpty`
25 - `Print`
26 - `KillUntilOne`
27 - `Delete`
28 - Special Case: `cur == list->head`
29 - Special Case: `cur == list->tail`
30 - `IsSingleton`
31 - Special Case: `!IsEmpty`
32 - `IsEmpty`
33 - remember to `free(cur)`
34 - `GetSurvivor`
35 - `GetHeadVal`
36 - `assert`
```