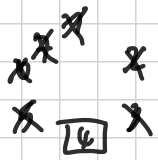
Josephus Problem

-4h



n=7
k=3

k is basically the number of people that are going to get skipped.

n=7
k=3

4 is S1

Josephus problem

Format:

```
def josephus(n,k):
    k=-1 # pop automatically skips the dead guy
    idx=k
```

In simple terms Josephus problem is all about finding a position in a circular arrangement which would be safe if executions were handled out using a skip parameter which is known beforehand.

Example

n=7
k=3

4 is the survivor