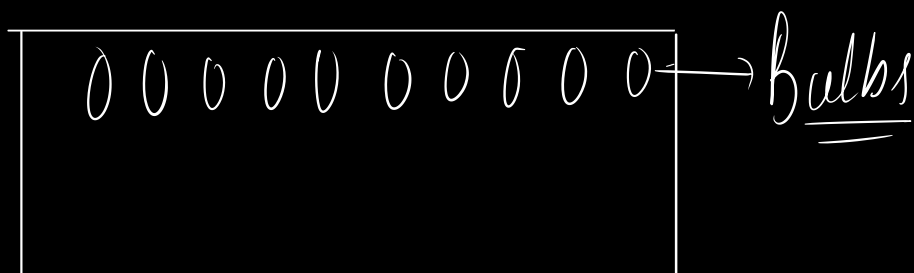


We can make our own Number System

base n

$$n \leq 2$$

but must have unique system!



* Transition

→ Bulbs

Bulb on → 1

Bulb off → 0

Base₁₀

} we can be read but to read

30

3 & 0 bulb will on but

this is why we don't use base₁₀

then what about the

0	→	0
1	→	0
2	→	0
3	→	0
4	→	0
5	→	0
6	→	0
7	→	0
8	→	0
9	→	0

→ (83)