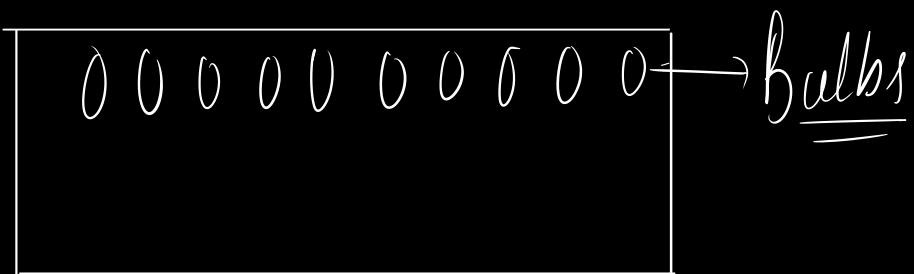


We can make our own
Number System

base n

$n \times 2$

But must have
unique system



Bulb on → 1

Bulb off → 0

base₁₀

we can

be read

but to read

30

3 & 0 bulb will

this is why we
don't use

on but

then what about

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

the → 83