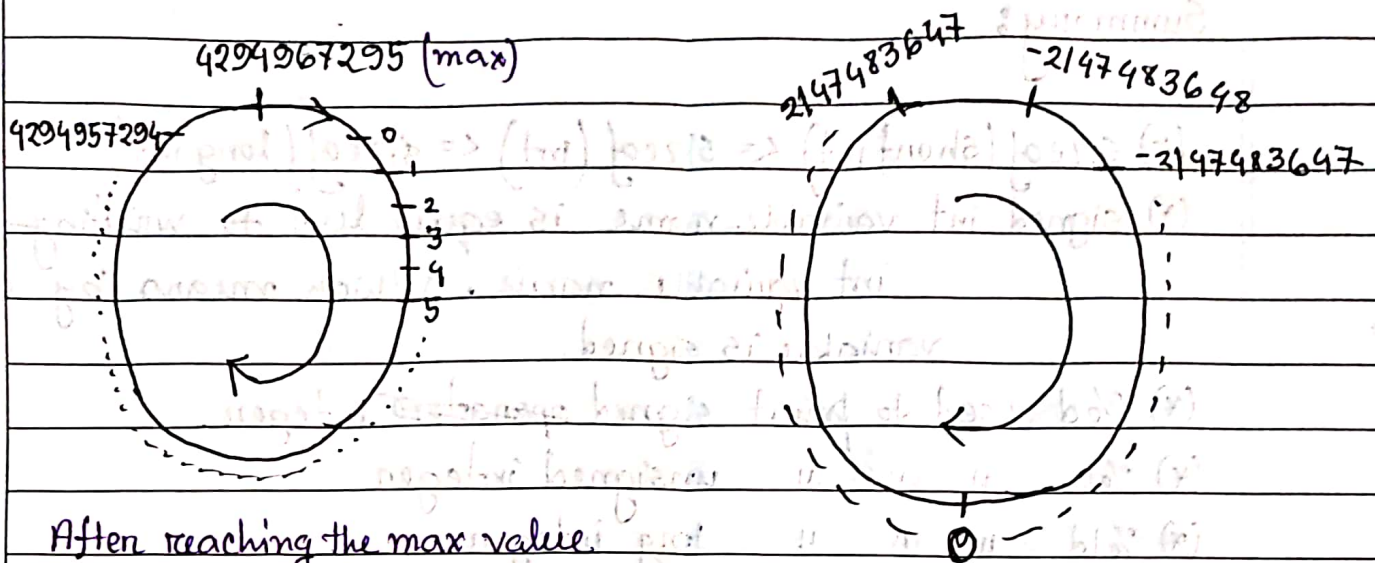


Exceeding the Valid Range of Data Type

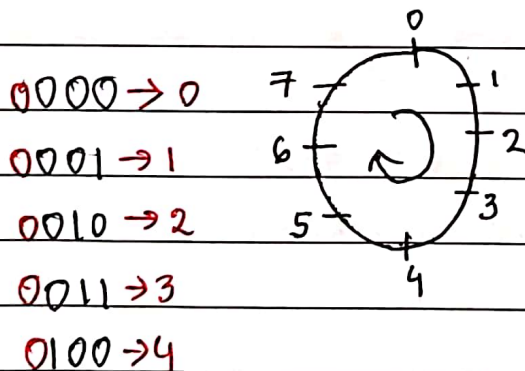
Video 08



After reaching the max value,
it will start from 0 again.
(Unsigned) (32bit)

After reaching the negative
minimum value (-2147483648)
if we decrease one more step
will get the positive max value
value (2147483647).

Similarly, if we increase one
step after reaching positive
max value, we'll get the
negative min value.



0101 → 5

0110 → 6

0111 → 7

1000 → 8

we need 4 bits to represent 8. But we have 3 bits
so we can't represent 8. Instead it will
get 000 which is 0. So, the list will back
to zero and run circular.