Evil number

Opposite

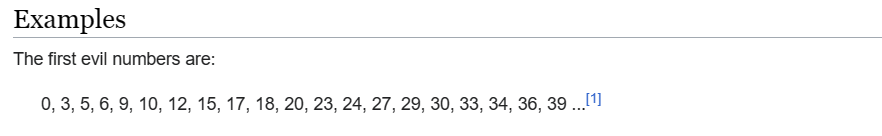
Odius number

Intro

An evil number is a non-negative integer that has an even [number of 1s](https://en.wikipedia.org/wiki/Hamming_weight) in its [binary expansion.](https://en.wikipedia.org/wiki/Binary_number) Take the number for example.

Since in decimal number is represented as which has 0 number of 1.

Example



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Ref

[Evil number - Wikipedia](https://en.wikipedia.org/wiki/Evil_number)