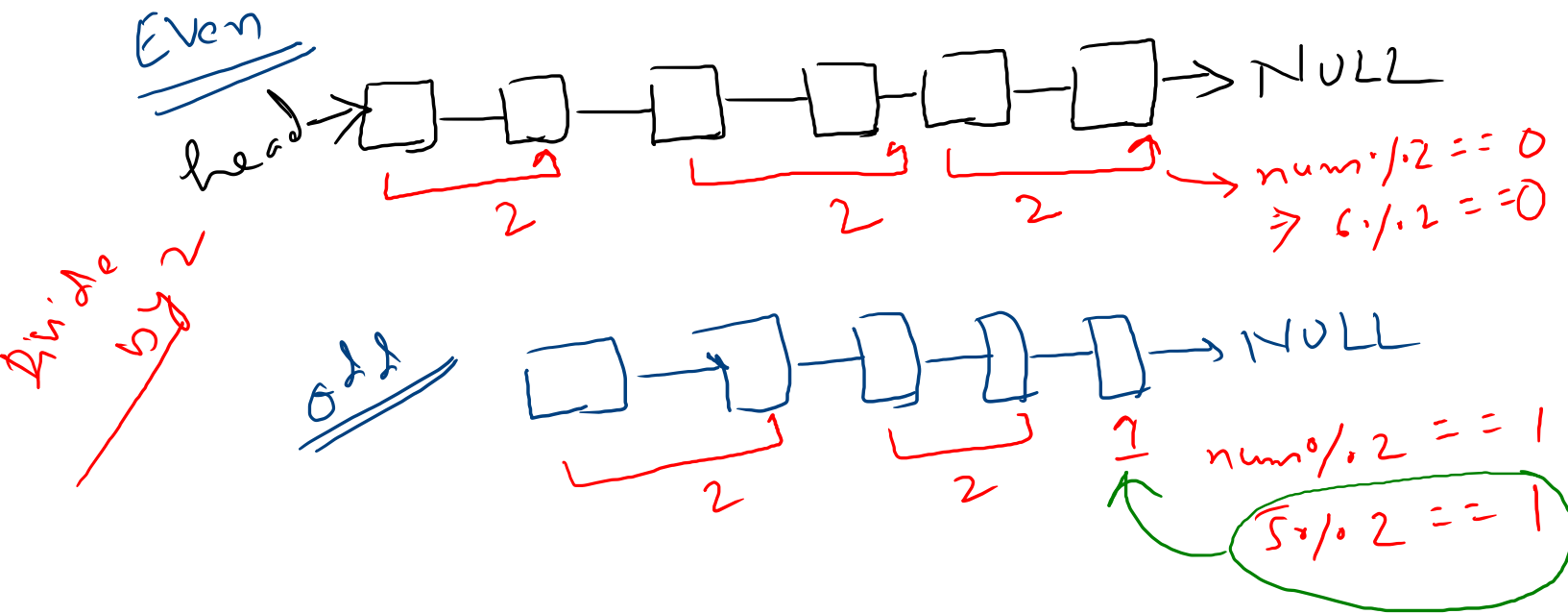


Even $\Rightarrow \text{num} \% 2 == 0$

Odd $\Rightarrow \text{num} \% 2 == 1$



2x Pointer

\hookrightarrow A pointer which covers 2 nodes at a time can give us semantic of divide by 2.

As per above diagram:

In case of Even 2xPointer points to NULL at loop end.

In case of odd 2xPointer points to Last node at loop end.