Fixed Window Size

Input - 1 1 1   0 0 0   1 1 1 1 0

1 → Window

1 1

1 1 1

1 1 1 0   Zero = 1, WL = 4

1 1 1 0 0   Zero = 2, Slide Window, Why?
To find a bigger WL > 4 if exists

~~1~~ 1 1 0 0 0 → Zero = 3

~~1~~ ~~1~~ 1 0 0 0 1 → Zero = 3

~~1~~ ~~1~~ ~~1~~ 0 0 0 1 1

~~1~~ ~~1~~ ~~1~~ ~~0~~ 0 0 1 1 1

~~1~~ ~~1~~ ~~1~~ ~~0~~ ~~0~~ 0 1 1 1 1 → Zero = 1, WL = 5

> Keep sliding window of fix size 5, till atmost zero is not 1

Now, increase window length

~~1~~ ~~1~~ ~~1~~ ~~0~~ ~~0~~ 0 1 1 1 1 0 → again zero = 2 (slide window)

~~1~~ ~~1~~ ~~1~~ ~~0~~ ~~0~~ ~~0~~ 1 1 1 1 0

So, max WL = 5, with atmost zero 1.