



459. Repeated Substring Pattern

Given a string s, check if it can be constructed by taking a substring of it and appending multiple copies of the substring together.

$$S = abc^{n}$$
, $n = 3$

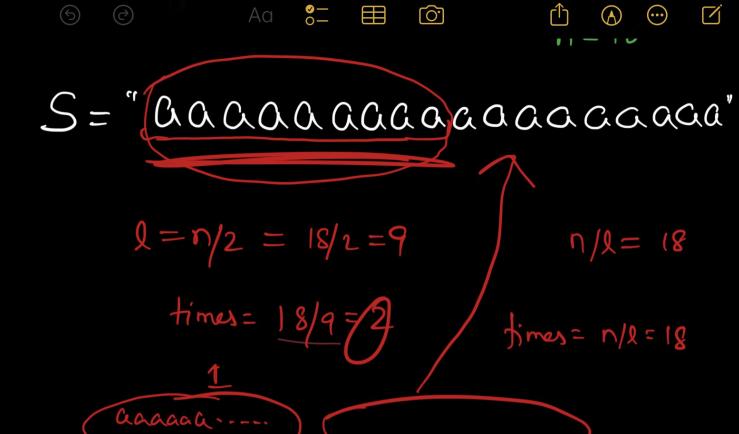
Intuition

$$n = 12$$

$$\sqrt{2}$$
 times = $n/1$;

int times =
$$n/1$$
;

Accepted. int times = n/1; string pattern = S. Substr(0, 1); String newstr = ""; while (times --) of newstr += pattern; if (newstr == 5) return True; Hetun False; Slight optimization n = 18



for (int
$$l=n/2$$
; $l>=1$; $l++$) {

if $(n)/.1==0$) {

times = $n/1$;

Pattern = s -Substr $(0,1)$;

NewStr = ""

while (times --) {

newStr += pattern;

NewStr += pattern;

