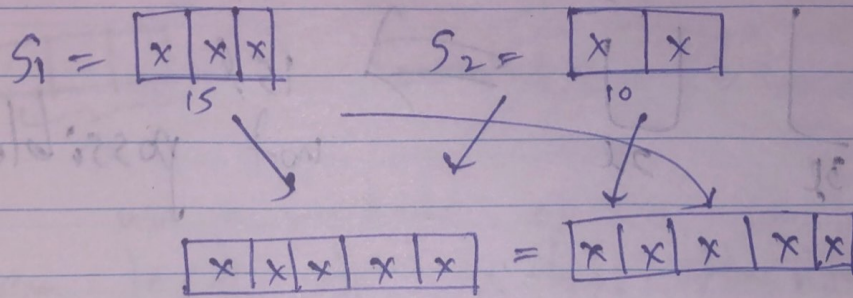


$O(\text{width}) \rightarrow \text{to compare concatenations for } \text{gcd} \rightarrow O(\log_{\min})$

$O(\text{width}) \rightarrow \text{concatenation}$



In this case take GCD of the lengths & generate the string.