

Input 1: str1 = "ABCABC" Input 2: str1 = "ABABAB"
str2 = "ABC" str2 = "ABAB"

Output 2: "AB"

$$\text{str1} + \text{str2} == \text{str2} + \text{str1}$$

ζ
 $\epsilon \zeta$

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return ""; //empty string
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Find GCD of $len1$ & $len2$

For Input 2 \rightarrow $len_1 = 6, len_2 = 4$

$$\text{GCD} = 2$$

Return str1.substring(0, gcd)

or

str 2. substing (0, gcd)