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.

Example 1:

- Input: s = "abab"
- Output: true
- Explanation: It is the substring "ab" twice.

Example 2:

- **Input:** s = "aba"
- Output: false

Example 3:

- Input: s = "abcabcabcabc"
- Output: true
- Explanation: It is the substring "abc" four times or the substring "abcabc" twice.

Constraints:

- $1 \le \text{s.length} \le 10^4$
- s consists of lowercase English letters.