459. Repeated Substring Pattern

Description

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 <= s.length <= 10`^{4}
- `s` consists of lowercase English letters.