Leetcode problem : 459.

```c
bool repeatedSubstringPattern (char *s) {
    int i = 1;
    int l = strlen(s);
    int x = 0;
    while(i <= l/2) {
        x = 0;
        if(l % i == 0) {
            while(x < l) {
                if(s[x % i] != s[x]) {
                    break;
                }
                x++;
            }
            if(x == l) {
                return 1;
            }
        }
        i++;
    }
    return 0;
}
```

output :   s = "abab"
                    true.
             s = "aba"
                    false