

2/05/24

wer1

leet code

```
#include <stdbool.h>
```

```
#include <string.h>
```

```
bool repeatedSubstringPattern (char *s)
```

```
{
```

```
    int len = strlen(s);
```

```
    for (int i = 1; i <= len/2; i++)
```

```
    {
```

```
        if (len % i == 0)
```

```
        {
```

```
            bool is_repeating = true;
```

```
            for (int j = i; j < len; j++)
```

```
            {
```

```
                if (s[i] != s[j % i])
```

```
                {
```

```
                    is_repeating = false;
```

```
                    break;
```

```
                }
```

```
            }
```

```
        }
```

```
        if (is_repeating)
```

```
        {
```

```
            return true;
```

```
        }
```

```
    }
```

```
}
```

```
return false;
```

```
}
```

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## Test result

Case 1	Case 2	Case 3
s = "aba6"	s = "aba"	s = "ababcabc"
Output	Output	Output
true	false	true
Expected	Expected	Expected
true	false	true