**Palindrome Number**

Determine whether an integer is a palindrome. Do this without extra space.

Could negative integers be palindromes? (ie, -1). If you are thinking of converting the integer to string, note the restriction of using extra space.

class Solution **{**

public boolean isPalindrome**(**int x**)** **{**

int number **=**0**;**

**if((**x**%**10**==**0**&&**x**!=**0**)** **||** x**<**0**)**

**return** **false;**

**while(**x**>**number**){ //Stop just in the middle of the number**

number **=** number**\***10 **+** x**%**10**;**

x **=** x**/**10**;**

**}**

**return** **(**number **==** x **||** x**==**number**/**10**);**

**}**

**}**

**Implement strStr(index)**

Return the index of the first occurrence of needle in haystack, or -1 if needle is not part of haystack.

**Candidate for KMP**

class Solution **{**

public int strStr**(**String haystack**,** String needle**)** **{**

**for(**int i**=**0**;** **;**i**++){**

**for(**int j**=**0**;** **;**j**++){**

**if(**j**==**needle**.**length**())return** i**;**

**if(**i**+**j**==**haystack**.**length**())** **return** **-**1**;**

**if(**needle**.**charAt**(**j**)!=**haystack**.**charAt**(**i**+**j**))break;**

**}**

**}**

**}**

**}**