28. Implement strStr()

Implement strStr().

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

Again, the hard part is to understand what it is asking!
What exactly it is asking:
Give two string str1 and str2, we need to find out the index of the first occurrence of str1 in str2. If str1 never occur in str2, return -1.

Example: if str1 = "bcd", str2 = "abcdefg". Then return index = 1

Once we get what it means, it is easy

```python
class Solution(object):
    def strStr(self, haystack, needle):

        N = len(haystack)
        n = len(needle)
        index = 0

        if n == 0:
            return 0
        if N == 0:
            return -1

        while index < N - n + 1 :
            if haystack[index : index+n] == needle:
                return index
            index += 1
        return -1
```