#15 Days of Coding Challenge
#Day 3

Find the index of the first occurrence in a string
#Leetcode 28

Solution:

```cpp
class Solution {
public:
    int strStr(string haystack, string needle) {
        if (haystack.length() < needle.length()) {
            return -1;
        }

        for (int i = 0; i <= haystack.length() - needle.length(); i++) {
            if (haystack.substr(i, needle.length()) == needle) {
                return i;
            }
        }

        return -1;
    }
};
```

Time Complexity: O(n * m)
Space Complexity: O(m)