

strStr

Returns the index of the first occurrence of a substring (`needle`) in a string (`haystack`).

Arguments:

- `haystack` (str): The string to search within.
- `needle` (str): The substring to search for.

Returns:

- int: The index of the first occurrence of `needle` in `haystack`, or -1 if `needle` is not found.

Example:

```
solution = Solution()

print(solution.strStr("sadbutsad", "sad")) # Output: 0

print(solution.strStr("leetcode", "leeto")) # Output: -1
```

Function Description:

The `strStr` function takes in two string arguments, `haystack` and `needle`, and returns the index of the first occurrence of the `needle` substring within the `haystack` string. If the `needle` substring is not found in the `haystack` string, the function returns -1.

Example Usage:

```
solution = Solution()
```

```
print(solution.strStr("hello", "ll")) # Output: 2
```

```
print(solution.strStr("hello", "abc")) # Output: -1
```

In the first example, the `needle` "ll" is found starting at index 2 in the `haystack` "hello". In the second example, the `needle` "abc" is not found in the `haystack` "hello", so -1 is returned.