

# 0028 - Find the Index of the First Occurrence in a String



index

mississippi index 4



Time out

```
class Solution {
    public int strStr(String haystack, String needle) {
        int sameCount = 0;
        int lastSuccess = 0;
        int count = 0;

        while(count < haystack.length()){
            if(sameCount == needle.length()){
                return count - sameCount;
            }

            if(haystack.charAt(count) != needle.charAt(sameCount)){
                sameCount = 0;
                if(lastSuccess != 0){
                    count = lastSuccess;
                    continue;
                }
            }
        }
    }
}
```

```

    } else {
        sameCount++;
        lastSuccess = count;
    }
    count++;
}


if(sameCount == needle.length() - 1){
    return haystack.length() - sameCount;
} else {
    return -1;
}
}
}


```





```

class Solution {
    public int strStr(String haystack, String needle) {
        int index = 0;

        // 
        if(haystack.length() < needle.length()){
            return -1;
        }


        // 
        //  <= 
        for(index = 0; index <= haystack.length() - needle.length(); index++){
            int subCount = 0;

            // 
            for(subCount = 0; subCount < needle.length(); subCount++){
                if(haystack.charAt(index + subCount) != needle.charAt(subCount)){
                    break;
                }
            }

            //  Count  index
            if(subCount == needle.length()){

```

```
        return index;
    }
}

// 
return -1;
}
}
```

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Revision #2

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