

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



haystack index

mississippi index 4



Time out

haystack

```
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;  
                }  
            }  
            sameCount++;  
        }  
        return -1;  
    }  
}
```

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

A horizontal row of 20 empty square boxes for writing responses.

```
class Solution {  
    public int strStr(String haystack, String needle) {  
        int index = 0;  
  
        // 检查 haystack 是否为空  
        if(haystack.length() < needle.length()){  
            return -1;  
        }  
  
        // 检查 needle 是否为空  
        // 检查 haystack 的长度是否小于等于 needle 的长度  
        for(index = 0;index <= haystack.length() - needle.length(); index++){  
            int subCount = 0;  
  
            // 检查 subCount 是否大于等于 needle 的长度  
            for(subCount = 0; subCount < needle.length(); subCount++){  
                if(haystack.charAt(index + subCount) != needle.charAt(subCount)){  
                    break;  
                }  
            }  
  
            // 检查 subCount 是否等于 needle 的长度  
            if(subCount == needle.length()){  
                return index;  
            }  
        }  
    }  
}
```

```
    return index;
}

}

// メソッドの実装（省略）
```

return -1;

```
}
```

```
}
```

Revision #2

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