

10. [Java] ?? ?? - String.indexOf(), String.valueOf()

<https://school.programmers.co.kr/learn/courses/30/lessons/120904>

❏

```
class Solution {
    public int solution(int num, int k) {
        String numToString = Integer.toString(num);
        char[] arr = numToString.toCharArray();
        char kToChar = (char) k;
        int idx = -1;
        for(int i = 0; i < arr.length; i++ ) {
            if (arr[i] == kToChar) {
                return i+1;
            }
        }
        return idx;
    }
}
```

? char kToChar = (char) (k + '0');

- ❏ ❏ : char kToChar = (char) k;
- int ❏ char ❏❏❏ ❏❏❏ ❏❏ ❏❏
- int 3❏ (char)❏ ❏❏ '3'❏ ❏❏ ❏❏ ❏❏ 'ETX'❏ ❏❏ ❏❏ ❏
- char kToChar = (char)(k + '0'); ❏ Character.forDigit(k, 10); ❏ ❏❏ ❏

❏❏ ❏❏

```
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char kToChar = (char) (k + '0');
int idx = -1;
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    if (arr[i] == kToChar) {
        return i+1;
    }
}
return idx;
}
```

□ □□ □□ (String API □□)

```
public int solution(int num, int k) {
    String s = String.valueOf(num);
    int idx = s.indexOf(String.valueOf(k));
    return idx == -1 ? -1 : idx + 1;
}
```

? String.indexOf()

```
String s = "29183";  
int idx = s.indexOf("1");    // 2
```

- `"1"` `"29183"` 0-based index 2
- `-1`

```
int indexOf(int ch)           // 00 00 00 00 (ex: 'a', 97)
int indexOf(String str)      // 0000
```

? ?????

三元运算符 (ternary operator) 是 if-else 的简写形式，用于在单行代码中根据条件选择执行不同的操作。

基本语法

```
条件 ? 如果为真执行的代码 : 如果为假执行的代码;
```

- 如果条件为 true，则执行 ? 后面的代码。
- 如果条件为 false，则执行 : 后面的代码。

示例

```
int age = 20;  
String result = (age >= 18) ? "成年" : "未成年";  
System.out.println(result); // 输出: 成年
```

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