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Description Solution Discuss (936) Submissions Java Autocomplete

201. Bitwise AND of Numbers Range

Medium 1944 166 Add to List Share

Given two integers `left` and `right` that represent the range `[left, right]`, return *the bitwise AND of all numbers in this range, inclusive.*

Example 1:

```
Input: left = 5, right = 7
Output: 4
```

Example 2:

```
Input: left = 0, right = 0
Output: 0
```

Example 3:

```
Input: left = 1, right = 2147483647
Output: 0
```

Constraints:

- `0 <= left <= right <= 2^31 - 1`

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Seen this question in a real interview before?

Yes No

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```java
class Solution {
    public int rangeBitwiseAnd(int left, int right) {

    }
}
```

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