

Leetcode

Leetcode Solution1:-

```
class Solution {
    public int findClosestNumber(int[] nums) {
        int ans = 0;
        int min = Integer.MAX_VALUE;

        for (final int num : nums)
            if (Math.abs(num) < min) {
                min = Math.abs(num);
                ans = num;
            } else if (Math.abs(num) == min && num > ans) {
                ans = num;
            }

        return ans;
    }
}
```

Leetcode Solution2:-

```
class Solution {
    public int commonFactors(int a, int b) {
        int ans = 0, n = Math.min(a, b);
        for (int i = 1; i <= n; ++i) {
            if (a % i == 0 && b % i == 0) {
                ++ans;
            }
        }
        return ans;
    }
}
```