1283. Find the Smallest Divisor Given a Threshold

link

二分查找, 错的地方

[962551,933661,905225,923035,990560], 10

这个例子的时候, 49998, 49999, 50000的结果都是10

所以这个题目只算大于的时候, $start = mid + 1$

else $end = mid.$

Math.ceil可以写成 `(num - 1)/divisor + 1`

left从1开始

```java
public int smallestDivisor(int[] A, int threshold) {
    int left = 1, right = (int)1e6;
    while (left < right) {
        int m = (left + right) / 2, sum = 0;
        for (int i : A)
            sum += (i + m - 1) / m;
        if (sum > threshold)
            left = m + 1;
        else
            right = m;
    }
    return left;
}
```

二分查找总结

link 写的很好