```java
/**
 * str.indexOf(word,i):find the first occurrence after i index
 * Array,ArrayList
 * find the first occurrence meet the conditions after i index
 * nested loop or make ordered ArrayList
 */
public class summaryIndexOf
{
    /**
     * count how many "at" in the string
     */
    public int strIndexOf(String str)
    {
        int count=0;
        int i=str.indexOf("at");
        while(i!=-1){
            count++;
            i=str.indexOf("at",i+1);
        }
        return count;
    }
    /**
     * find the Last Occurrence of "at"
     */
    public int findLastOccurrence(String str)
    {
        int last=-1;
        int i=str.indexOf("at");
        while(i!=-1){
            last=i;
            i=str.indexOf("at",i+1);
        }
        return last;
    }
    /**
     * find the last Occurrence of not zeros
     */
    public int findNotZeros(int[] a)
    {
        int j=a.length-1;
        while(j>=0&&a[j]==0){
            j--;
        }
        if(j>=0){
            System.out.println("success");
        }
        else{
            System.out.println("all zeros");
        }
        return j;
    }
}
```