```java
// Function to find the count of distinct elements
// in every window of size K in the array.
ArrayList<Integer> countDistinct(int A[], int n, int k) {
    int[] count = new int[100005];
    int cnt = 0;
    for (int i = 0; i < k; i++) {
        count[A[i]]++;
        if (count[A[i]] == 1) {
            cnt++;
        }
    }
    ArrayList<Integer> list = new ArrayList<>();
    list.add(cnt);
    for (int i = k; i < n; i++) {
        count[A[i - k]]--;
        count[A[i]]++;
        if (count[A[i - k]] == 0 && A[i - k] != A[i]) {
            cnt--;
        }
        if (count[A[i]] == 1 && A[i - k] != A[i]) {
            cnt++;
        }
        list.add(cnt);
    }
    return list;
}
```