**Longest Subarray with sum K | [Postives and Negatives]**

***Approach:*** *Prefix index map*

**Time Complexity:**

* If we use unordered map in Java (like hashmap) – avg and best time complexity to insert and get is O(1), but worst is O(N). Hence, worst time complexity will be O(N.N)
* If we use ordered map in Java (like TreeMap, keys are returned in sorted order in this map – implemented using red-black tree) – avg, best and worst time complexity to insert and get item is O(logN). Hence, worst time complexity will be O(N.logN)