

③ Find subarray of size k with max. average. (sliding window)

Finding max. average and finding max. sum of size k is same; so we will find max. sum using sliding window.

```
int maxAverageWindow(int[] a) {
    int k;
    int i=0, begin=0, end=k, start=0, sum=0, newsum=0;
    for(i=0; i< a.length; i++) {
        sum+=a[i];
        newsum = sum;
        while(i< a.length) {
            newsum = newsum - a[start] + a[i];
            if(sum < newsum) {
                begin = start+1;
                end = i;
                sum = newsum;
            }
            start++;
            i++;
        }
        return {begin, end};
}
```