

Ans) Two pointer + store unique elements:

[5,2,1,2,5,2,1,2,5]

=> Stevate over each element

>> While the element is unique, and the value

Maintain a set to compare the correlement with.

Return the maximum of all the Subaway sums.

```
class Solution {
public:
    int maximumUniqueSubarray(vector<int>& nums) {
        // Pointer, Tracking curr subarr sum, result
        int ptr1 = 0, currentSum = 0, res = 0;
        // Hash set of Int to keep track of unique
elements
        unordered set<int> uniqueElements;
        // Interating second pointer from prt1 to end of
array
        for(int ptr2 = 0; ptr2 < nums.size(); ptr2++){</pre>
            // If the number is not unique
            while (uniqueElements.find(nums[ptr2]) !=
uniqueElements.end()){
                // Clearing Hashset
                uniqueElements.erase(nums[ptr1]);
                currentSum -= nums[ptr1];
                // Trying Next subarray
                ptr1++;
            // If number is unique add to currsum
            currentSum += nums[ptr2];
            uniqueElements.insert(nums[ptr2]);
            // Store max sum as the result
            res = max(res, currentSum);
        }
        // Retrun the result
        return res;
    }
};
```