Leetcode 53 Maximum Subarray
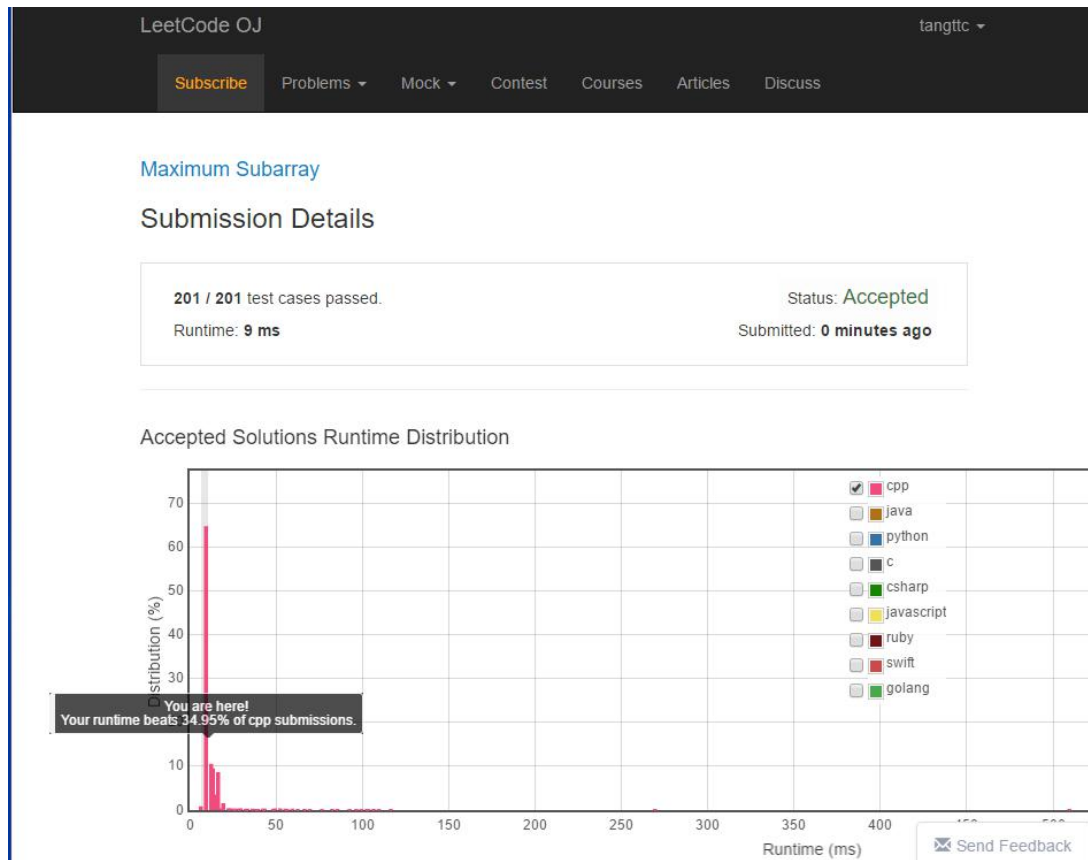


Code(C++):

```cpp
class Solution {
public:
    int maxSubArray(vector<int>& nums) {
        int size = nums.size();
        int max = nums[0];
        int now = max;
        for (int i = 1; i < size ;++i){
            int add = nums[i];
            if (now < 0){
                if (add > now){
                    now = add;
                }
                if (now > max){
                    max = now;
                }
            }
```

```
            else{
                if (add >= 0){
                    int new_max = now + add;
                    if (new_max > max){
                        max = new_max;
                    }
                    now += add;
                }
                else{
                    now += add;
                }
            }
        }
        return max;
    }
};
```