

1 Longest Nice Substring

```
class Solution {
public:
    string longestNiceSubstring(string s) {
        if (s.length() < 2)
            return "";
        unordered_set<char> seen{s.begin(), s.end()};
        for (int i = 0; i < s.size(); ++i)
            if (!seen.contains(toggleCase(s[i]))) {
                const string prefix = longestNiceSubstring(s.substr(0, i));
                const string suffix = longestNiceSubstring(s.substr(i + 1));
                return prefix.length() >= suffix.length() ? prefix : suffix;
            }

        return s;
    }
private:
    char toggleCase(char c) {
        return islower(c) ? toupper(c) : tolower(c);
    }
};
```



Longest Nice Substring...

Problem List

Run Submit

88

Description Accepted x Editorial Solutions Submissions

All Submissions

Accepted 73 / 73 testcases passed

Anish Patil submitted at Feb 20, 2025 21:00

Solution

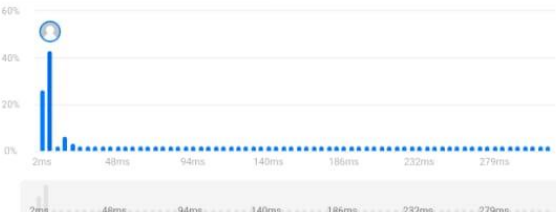
Runtime

6 ms Beats 73.58%

Analyze Complexity

Memory

14.27 MB Beats 48.36%



Code C++

```
class Solution {
public:
    string longestNiceSubstring(string s) {
        if (s.length() < 2)
            return "";
        unordered_set<char> seen(s.begin(), s.end());
        for (int i = 0; i < s.size(); ++i)
            if (!seen.contains(toggleCase(s[i]))) {
                const string prefix = longestNiceSubstring(s.substr(0, i));
                const string suffix = longestNiceSubstring(s.substr(i + 1));
                return prefix.length() >= suffix.length() ? prefix : suffix;
            }
        return s;
    }
private:
    char toggleCase(char c) {
        return islower(c) ? toupper(c) : tolower(c);
    }
};
```

Saved

Testcase Test Result

Case 1 Case 2 Case 3 +

s =

"YazaAay"

2. Reverse bits

```
class Solution {  
  
public:  
  
    uint32_t reverseBits(uint32_t n) {  
  
        uint32_t ans = 0;  
  
        for (int i = 0; i < 32; ++i)  
  
            if (n >> i & 1)  
  
                ans |= 1 << 31 - i;  
  
        return ans;  
  
    }  
  
};
```

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Reverse Bits - LeetCode

Problem List Run Submit

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 600 / 600 testcases passed
Anish Patil submitted at Feb 20, 2025 21:03

Editorial Solution

Runtime 4 ms | Beats 32.41%
Analyze Complexity

Memory 7.66 MB | Beats 87.45%

Runtime Performance Graph

Code C++

```
class Solution {  
public:  
    uint32_t reverseBits(uint32_t n) {  
        uint32_t ans = 0;  
        for (int i = 0; i < 32; ++i)  
            if (n >> i & 1)  
                ans |= 1 << 31 - i;  
        return ans;  
    }  
};
```

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

n = 00000010100101000001111010011100

Output

3 Number of 1 bit

```
class Solution {
public:
    int hammingWeight(uint32_t n) {
        int ans = 0;

        for (int i = 0; i < 32; ++i)
            if ((n >> i) & 1)
                ++ans;

        return ans;
    }
};
```

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Number of 1 Bits - Leet...

Problem List

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 598 / 598 testcases passed
Anish Patil submitted at Feb 20, 2025 21:05

Runtime 0 ms | Beats 100.00%
Memory 8.33 MB | Beats 11.88%

Analyze Complexity

100%
50%
0%
1ms 2ms 3ms 4ms

Code C++

```
class Solution {
public:
    int hammingWeight(uint32_t n) {
        int ans = 0;
        for (int i = 0; i < 32; ++i)
            if ((n >> i) & 1)
                ++ans;
        return ans;
    }
};
```

View more

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2 Case 3

Input

n = 11

Output

4. maximum Subarray

```
class Solution {  
  
public:  
  
    int maxSubArray(vector<int>& nums) {  
  
        vector<int> dp(nums.size());  
  
        dp[0] = nums[0];  
  
        for (int i = 1; i < nums.size(); ++i)  
            dp[i] = max(nums[i], dp[i - 1] + nums[i]);  
  
        return ranges::max(dp);  
  
    }  
};
```

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Maximum Subarray - L...

Problem List Run Submit

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 210 / 210 testcases passed
Anish Patil submitted at Feb 20, 2025 21:07

Editorial Solution

Runtime 4 ms | Beats 12.62%
Memory 74.52 MB | Beats 5.24%

Analyze Complexity

100%
75%
50%
25%
0%

1ms 2ms 3ms 4ms 5ms 6ms

Code C++

```
class Solution {  
public:  
    int maxSubArray(vector<int>& nums) {  
        vector<int> dp(nums.size());  
        dp[0] = nums[0];  
        for (int i = 1; i < nums.size(); ++i)  
            dp[i] = max(nums[i], dp[i - 1] + nums[i]);  
        return ranges::max(dp);  
    }  
};
```

Saved

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2 Case 3

Input

nums =
[-2,1,-3,4,-1,2,1,-5,4]

Output

5. Search a 2D Matrix

```
class Solution {
public:
    bool searchMatrix(vector<vector<int>>& matrix, int target) {
        if (matrix.empty())
            return false;
        const int m = matrix.size();
        const int n = matrix[0].size();
        int l = 0;
        int r = m * n;
        while (l < r) {
            const int mid = (l + r) / 2;
            const int i = mid / n;
            const int j = mid % n;
            if (matrix[i][j] == target)
                return true;
            if (matrix[i][j] < target)
                l = mid + 1;
            else
                r = mid;
        }
        return false;
    }
};
```

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Search a 2D Matrix - Le...

Problem List < > < > < >

Description Accepted x Editorial Solutions Submissions

All Submissions

Accepted 133 / 133 testcases passed

Anish Patil submitted at Feb 20, 2025 21:09

Editorial Solution

Runtime 0 ms Beats 100.00% Memory 13.23 MB Beats 75.99%

Analyze Complexity

150% 100% 50% 0%

1ms 2ms 3ms 4ms

Code C++

```
class Solution {
public:
    bool searchMatrix(vector<vector<int>>& matrix, int target) {
        if (matrix.empty())
            return false;
        const int m = matrix.size();
        const int n = matrix[0].size();
        int l = 0;
```

View more

Code C++ Auto

```
6 const int m = matrix.size();
7 const int n = matrix[0].size();
8 int l = 0;
9 int r = m * n;
10 while (l < r) {
11     const int mid = (l + r) / 2;
12     const int i = mid / n;
13     const int j = mid % n;
14     if (matrix[i][j] == target)
15         return true;
16     if (matrix[i][j] < target)
17         l = mid + 1;
18     else
19         r = mid;
20 }
21 return false;
22 }
23 };
```

Saved

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

matrix =

[[1,3,5,7],[10,11,16,20],[23,30,34,60]]

6. Super Pow

```
class Solution {
public:
    int modPow(int a, int b, int mod) {
        int result = 1;
        a %= mod;
        while (b > 0) {
            if (b % 2 == 1) {
                result = (result * a) % mod;
```

```
    }  
    a = (a * a) % mod;  
    b /= 2;  
}  
return result;  
}  
int superPow(int a, vector<int>& b) {  
    const int mod = 1337;  
    int result = 1;  
    for (int digit : b) {  
        result = modPow(result, 10, mod) * modPow(a, digit, mod) % mod;  
    }  
    return result;  
}  
};
```


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72%

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Super Pow - LeetCode

Problem List Run Submit

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 57 / 57 testcases passed

Anish Patil submitted at Feb 20, 2025 21:11

Solution

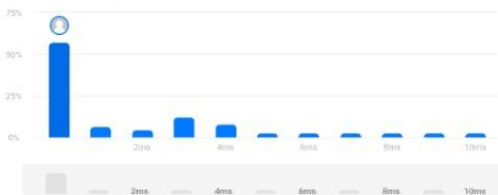
Runtime

0 ms Beats 100.00%

Memory

15.34 MB Beats 15.94%

Analyze Complexity



Code C++

```
class Solution {
public:
    int modPow(int a, int b, int mod) {
        int result = 1;
        a %= mod;
        while (b > 0) {
            if (b % 2 == 1) {
                result = (result * a) % mod;
            }
            b /= 2;
            a = (a * a) % mod;
        }
        return result;
    }
};
```

View more

More challenges

50. Pow(x, n)

Code

C++ Auto

```
6 while (b > 0) {
7     if (b % 2 == 1) {
8         result = (result * a) % mod;
9     }
10    a = (a * a) % mod;
11    b /= 2;
12 }
13 return result;
14 }
15 int superPow(int a, vector<int>& b) {
16     const int mod = 1337;
17     int result = 1;
18     for (int digit : b) {
19         result = modPow(result, 10, mod) * modPow(a, digit, mod) % mod;
20     }
21     return result;
22 }
23 ;
```

Saved

Ln 23, Col 3

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2 Case 3

Input

a =

2

b =

[3]

Output

8