

Mayan x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sl x Revers x Longe x +

leetcode.com/problems/longest-nice-substring/submissions/1553436284/

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Problem List Run Submit

Description Editorial Solutions Submissions Accepted x

All Submissions

Accepted 73 / 73 testcases passed

Mayank Khandolwal submitted at Feb 24, 2025 10:12

Solution

Runtime 359 ms | Beats 9.46%

Memory 122.60 MB | Beats 9.28%

Analyze Complexity

60%

40%

20%

0%

2ms 4ms 6ms 8ms 10ms 12ms 14ms 16ms 18ms 20ms 22ms 24ms 26ms 28ms 30ms 32ms 34ms 36ms 38ms 40ms 42ms 44ms 46ms 48ms 50ms 52ms 54ms 56ms 58ms 60ms 62ms 64ms 66ms 68ms 70ms 72ms 74ms 76ms 78ms 80ms 82ms 84ms 86ms 88ms 90ms 92ms 94ms 96ms 98ms 100ms 102ms 104ms 106ms 108ms 110ms 112ms 114ms 116ms 118ms 120ms 122ms 124ms 126ms 128ms 130ms 132ms 134ms 136ms 138ms 140ms 142ms 144ms 146ms 148ms 150ms 152ms 154ms 156ms 158ms 160ms 162ms 164ms 166ms 168ms 170ms 172ms 174ms 176ms 178ms 180ms 182ms 184ms 186ms 188ms 190ms 192ms 194ms 196ms 198ms 200ms 202ms 204ms 206ms 208ms 210ms 212ms 214ms 216ms 218ms 220ms 222ms 224ms 226ms 228ms 230ms 232ms 234ms 236ms 238ms 240ms 242ms 244ms 246ms 248ms 250ms 252ms 254ms 256ms 258ms 260ms 262ms 264ms 266ms 268ms 270ms 272ms 274ms 276ms 278ms 280ms 282ms 284ms 286ms 288ms 290ms 292ms 294ms 296ms 298ms 300ms 302ms 304ms 306ms 308ms 310ms 312ms 314ms 316ms 318ms 320ms 322ms 324ms 326ms 328ms 330ms 332ms 334ms 336ms 338ms 340ms 342ms 344ms 346ms 348ms 350ms 352ms 354ms 356ms 358ms 360ms 362ms 364ms 366ms 368ms 370ms 372ms 374ms 376ms 378ms 380ms 382ms 384ms 386ms 388ms 390ms 392ms 394ms 396ms 398ms 400ms 402ms 404ms 406ms 408ms 410ms 412ms 414ms 416ms 418ms 420ms 422ms 424ms 426ms 428ms 430ms 432ms 434ms 436ms 438ms 440ms 442ms 444ms 446ms 448ms 450ms 452ms 454ms 456ms 458ms 460ms 462ms 464ms 466ms 468ms 470ms 472ms 474ms 476ms 478ms 480ms 482ms 484ms 486ms 488ms 490ms 492ms 494ms 496ms 498ms 500ms 502ms 504ms 506ms 508ms 510ms 512ms 514ms 516ms 518ms 520ms 522ms 524ms 526ms 528ms 530ms 532ms 534ms 536ms 538ms 540ms 542ms 544ms 546ms 548ms 550ms 552ms 554ms 556ms 558ms 560ms 562ms 564ms 566ms 568ms 570ms 572ms 574ms 576ms 578ms 580ms 582ms 584ms 586ms 588ms 590ms 592ms 594ms 596ms 598ms 600ms 602ms 604ms 606ms 608ms 610ms 612ms 614ms 616ms 618ms 620ms 622ms 624ms 626ms 628ms 630ms 632ms 634ms 636ms 638ms 640ms 642ms 644ms 646ms 648ms 650ms 652ms 654ms 656ms 658ms 660ms 662ms 664ms 666ms 668ms 670ms 672ms 674ms 676ms 678ms 680ms 682ms 684ms 686ms 688ms 690ms 692ms 694ms 696ms 698ms 700ms 702ms 704ms 706ms 708ms 710ms 712ms 714ms 716ms 718ms 720ms 722ms 724ms 726ms 728ms 730ms 732ms 734ms 736ms 738ms 740ms 742ms 744ms 746ms 748ms 750ms 752ms 754ms 756ms 758ms 760ms 762ms 764ms 766ms 768ms 770ms 772ms 774ms 776ms 778ms 780ms 782ms 784ms 786ms 788ms 790ms 792ms 794ms 796ms 798ms 800ms 802ms 804ms 806ms 808ms 810ms 812ms 814ms 816ms 818ms 820ms 822ms 824ms 826ms 828ms 830ms 832ms 834ms 836ms 838ms 840ms 842ms 844ms 846ms 848ms 850ms 852ms 854ms 856ms 858ms 860ms 862ms 864ms 866ms 868ms 870ms 872ms 874ms 876ms 878ms 880ms 882ms 884ms 886ms 888ms 890ms 892ms 894ms 896ms 898ms 900ms 902ms 904ms 906ms 908ms 910ms 912ms 914ms 916ms 918ms 920ms 922ms 924ms 926ms 928ms 930ms 932ms 934ms 936ms 938ms 940ms 942ms 944ms 946ms 948ms 950ms 952ms 954ms 956ms 958ms 960ms 962ms 964ms 966ms 968ms 970ms 972ms 974ms 976ms 978ms 980ms 982ms 984ms 986ms 988ms 990ms 992ms 994ms 996ms 998ms 1000ms

Code | C++

```
class Solution {
public:
    bool isNice(const string &s) {
        unordered_set<char> charSet(s.begin(), s.end());
        for (char c : s) {
            if (charSet.count(tolower(c)) == 0 || charSet.count(toupper(c)) == 0)
                return false;
        }
        return true;
    }

    string longestNiceSubstring(string s) {
        int n = s.size();
        string longest = "";

        for (int i = 0; i < n; ++i) {
            for (int j = i; j < n; ++j) {
                string sub = s.substr(i, j - i + 1);
                if (isNice(sub) && sub.length() > longest.length()) {
                    longest = sub;
                }
            }
        }

        return longest;
    }
};
```

Saved In 2, Col 8

Testcase Test Result

Case 1 Case 2 Case 3 +

s =

"YazaAay"

Source

Mayan x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sl x Revers x Longe x +

leetcode.com/problems/reverse-bits/submissions/1576446939/

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Problem List < > < Run Submit < > Premium

Description Editorial Solutions Submissions Accepted x

All Submissions

Accepted 600 / 600 testcases passed
Mayank Khandolwal submitted at Mar 17, 2025 11:51

Editorial Solution

Runtime 0 ms | Beats 100.00%
Memory 7.62 MB | Beats 87.34%

Analyze Complexity

Code | C++

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

Saved Ln 1, Col 1

Testcase Test Result

Case 1 Case 2 +

n =

00000010100101000001111010011100

Source

Mayan x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sl x Revers x Longe x +

leetcode.com/problems/number-of-1-bits/submissions/1576406046/

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Problem List Run Submit

Description Editorial Solutions Submissions Accepted x

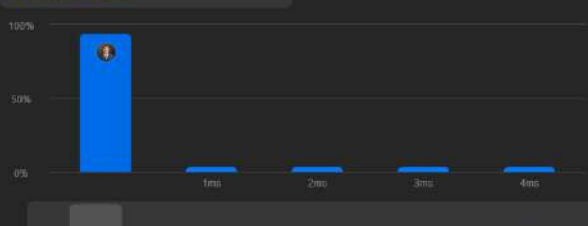
All Submissions

Accepted 598 / 598 testcases passed
Mayank Khandolwal submitted at Mar 17, 2025 11:08

Editorial Solution

Runtime 0 ms | Beats 100.00%
Memory 8.15 MB | Beats 80.26%

Analyze Complexity



Code | C++

```
class Solution {
public:
    int hammingWeight(int n) {
        int count = 0;
        while(n > 0)
        {
            if((1 & n) == 1)
                count++;
            n = n / 2;
        }
        return count;
    }
};
```

Testcase | Test Result

Case 1 Case 2 Case 3 +

n = 11

Source

Mayan x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sl x Revers x Longe x +

leetcode.com/problems/maximum-subarray/submissions/1542870683/

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Problem List < > < Run Submit < > Premium

Description Editorial Solutions Submissions Accepted x

All Submissions

Accepted 210 / 210 testcases passed
Mayank Khandolwal submitted at Feb 14, 2025 17:44

Runtime 0 ms Beats 100.00%
Memory 71.79 MB Beats 53.36%

Runtime	Beats
0 ms	100.00%
1 ms	~0%
2 ms	~0%
3 ms	~0%
4 ms	~0%
5 ms	~0%

Code | C++

```
class Solution {
public:
    int maxSubArray(vector<int>& nums) {
        int n = nums.size();
        int maxSum = nums[0];
        int currSum = nums[0];

        for (int i = 1; i < n; i++) {
            currSum = max(nums[i], currSum + nums[i]);
            maxSum = max(maxSum, currSum);
        }

        return maxSum;
    }
};
```

Testcase | Test Result

Case 1 Case 2 Case 3 +

nums =

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

</> Source

Mayank X CU-As X Longe X Revers X Numb X Maxim X Search X Super X Beauti X The Sl X Revers X Longe X +

leetcode.com/problems/search-a-2d-matrix-ii/submissions/1578176587/

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Problem List Run Submit

Description Accepted Editorial Solutions Submissions

All Submissions

Accepted 130 / 130 testcases passed
Mayank Khandolwal submitted at Mar 18, 2025 22:39

Editorial Solution

Runtime 847 ms | Beats 5.00%
Memory 18.77 MB | Beats 36.76%

Analyze Complexity

Code | C++

```
class Solution {
public:
    bool searchMatrix(vector<vector<int>>& matrix, int target) {
        for (int i = 0; i < matrix.size(); i++) {
            for (int j = 0; j < matrix[i].size(); j++) {
                if (matrix[i][j] == target) {
                    return true;
                }
            }
        }
        return false;
    }
};
```

Testcase Test Result

Case 1 Case 2 +

matrix =

[[1,4,7,11,15],[2,5,8,12,19],[3,6,9,16,22],[10,13,14,17,24],[18,21,23,26,30]]

Source

Mayank x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sl x Revers x Longe x +

leetcode.com/problems/super-pow/submissions/1576554650/

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Problem List < > <> Run Submit

Description Editorial Solutions Submissions Accepted x

All Submissions

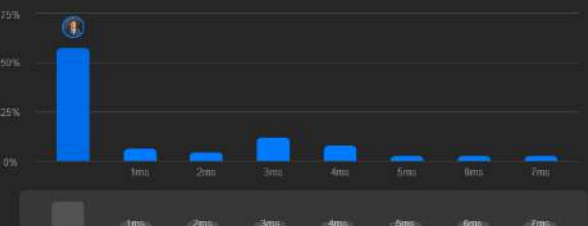
Accepted 57 / 57 testcases passed

Mayank Khandolwal submitted at Mar 17, 2025 14:05

Solution

Runtime 0 ms | Beats 100.00% Memory 15.02 MB | Beats 99.11%

Analyze Complexity



Code | C++

```
class Solution {
private:
    int solve(int base, int power, int mod) {
        int ans = 1;
        while (power > 0) {
            if (power & 1) {
                ans = (ans * base) % mod;
            }
            base = (base * base) % mod;
            power >>= 1;
        }
        return ans;
    }
public:
    int superPow(int a, vector<int>& b) {
        a%=1337;
        int n = b.size();
        int m = 1140;
        int exp1 = 0;
        for(int i : b){
            exp1 = (exp1*10+1)%m;
        }
        if (exp1 == 0) {
            exp1 = m;
        }
        return solve(a,exp1,1337);
    }
};
```

Saved

Ln 1, Col 1

Testcase Test Result

Mayank x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sl x Revers x Longe x +

leetcode.com/problems/beautiful-array/submissions/1578177844/

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Problem List < > <> Run Submit

Description Editorial Solutions Accepted x Submissions

All Submissions

Accepted 30 / 30 testcases passed
Mayank Khandolwal submitted at Mar 18, 2025 22:40

Editorial Solution

Runtime 0 ms | Beats 100.00%
Memory 9.31 MB | Beats 97.29%

Analyze Complexity

3.42% of solutions used 7 ms of runtime

Code | C++

```
class Solution {
public:
    int partition(vector<int> &v, int start, int end, int mask)
    {
        int j = start;
        for(int i = start; i <= end; i++)
        {
            if((v[i] & mask) != 0)
            {
                swap(v[i], v[j]);
                j++;
            }
        }
        return j;
    }

    void sort(vector<int> &v, int start, int end, int mask)
    {
        if(start >= end) return;
        int mid = partition(v, start, end, mask);
        sort(v, start, mid - 1, mask << 1);
        sort(v, mid, end, mask << 1);
    }

    vector<int> beautifulArray(int N) {
        vector<int> ans;
        for(int i = 0; i < N; i++) ans.push_back(i + 1);
        sort(ans, 0, N - 1, 1);
        return ans;
    }
}
```

Saved Ln 31, Col 3

Testcase Test Result

Mayan x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sk x Revers x Longe x +

leetcode.com/problems/the-skyline-problem/submissions/1578178432/

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Problem List < > <> Run Submit

Description Editorial Solutions Accepted x Submissions

All Submissions

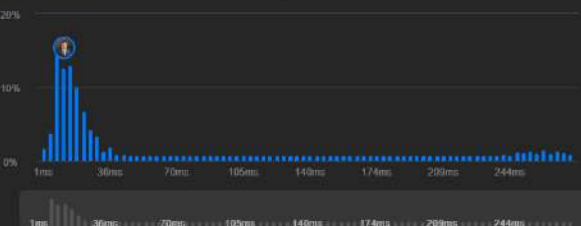
Accepted 44 / 44 testcases passed

Mayank Khandoval submitted at Mar 18, 2025 22:41

Editorial Solution

Runtime 12 ms | Beats 78.61% Memory 26.50 MB | Beats 96.21%

Analyze Complexity



Code | C++

```
class Solution {
public:
    vector<vector<int>> getSkyline(vector<vector<int>>& buildings) {
        int edge_idx = 0;
        vector<pair<int, int>> edges;
        priority_queue<pair<int, int>> pq;
        vector<vector<int>> skyline;

        for (int i = 0; i < buildings.size(); ++i) {
            const auto &b = buildings[i];
            edges.emplace_back(b[0], b[1]);
            edges.emplace_back(b[1], b[1]);
        }

        std::sort(edges.begin(), edges.end());

        while (edge_idx < edges.size()) {
            int curr_height;
            const auto &[curr_x, _] = edges[edge_idx];
            while (edge_idx < edges.size() &&
                curr_x == edges[edge_idx].first) {
                const auto &[_, building_idx] = edges[edge_idx];
                const auto &b = buildings[building_idx];
                if (b[0] == curr_x)
                    pq.emplace(b[2], b[1]);
                ++edge_idx;
            }
            while (!pq.empty() && pq.top().second <= curr_x)
                pq.pop();
            curr_height = pq.empty() ? 0 : pq.top().first;
            if (curr_height > 0) skyline.emplace_back(curr_x, curr_height);
        }
    }
};
```

Saved Ln 36, Col 3

Testcase Test Result

Mayan x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sl x Revers x Longe x +

leetcode.com/problems/reverse-pairs/submissions/1578181030/

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Problem List < > < Run Submit < < Premium

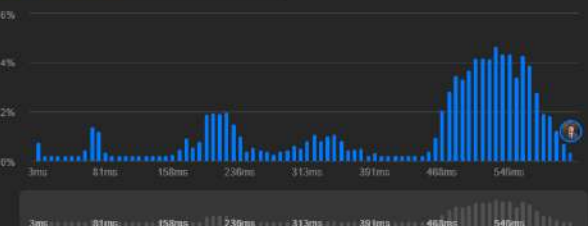
Description Editorial Solutions Accepted x Submissions

All Submissions

Accepted 140 / 140 testcases passed
Mayank Khondwal submitted at Mar 18, 2025 22:43

Runtime
810 ms | Beats 5.02%
[Analyze Complexity](#)

Memory
53.21 MB | Beats 94.01%



3ms 81ms 158ms 230ms 313ms 391ms 468ms 540ms

Code | C++

```
class Solution
{
    int get_pairs(vector<int>& vct , long long int x)
    {
        //sort(vct.begin() , vct.end());
        int size = vct.size();
        int low = 0;
        int high = size - 1;
        int ans = -1;
        while(low <= high)
        {
            int mid = high - (high - low) / 2;
            int ele = vct[mid];
            if(ele > x)
            {
                ans = mid;
                high = mid - 1;
            }
            else
            {
                low = mid + 1;
            }
        }
    }
}
```

Testcase | Test Result

Case 1 Case 2 +

nums =
[1,3,2,3,1]

</> Source

Mayan x CU-As x Longe x Revers x Numb x Maxim x Search x Super x Beauti x The Sl x Revers x Longe x +

leetcode.com/problems/longest-increasing-subsequence-ii/submissions/1578181727/

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Problem List < > < Run Submit < > Premium

Description Editorial Solutions Accepted x Submissions

All Submissions

Accepted 64 / 64 testcases passed
Mayank Khadwal submitted at Mar 18, 2025 22:43

Runtime
66 ms | Beats 83.13%
Analyze Complexity

Memory
59.76 MB | Beats 81.28%

0.21% of solutions used 238 ms of runtime

Code | C++

```
class Solution {
public:
    vector<int> tree;
    void update(int node, int st, int end, int i, int val) {
        if (st == end) {
            tree[node] = max(tree[node], val);
            return;
        }
        int mid = (st + end) / 2;
        if (i <= mid) {
            update(node * 2, st, mid, i, val);
        } else {
            update(node * 2 + 1, mid + 1, end, i, val);
        }
        tree[node] = max(tree[node * 2], tree[node * 2 + 1]);
    }
    int query(int node, int st, int end, int x, int y) {
        if (x > end || y < st) return -1e9;
        if (st >= x && end <= y) {
            return tree[node];
        }
        int mid = (st + end) / 2;
    }
};
```

Testcase | Test Result

Case 1 Case 2 Case 3 +

nums =

[4, 2, 1, 4, 3, 4, 5, 8, 15]

</> Source