

Output Window

Compilation Results Custom Input

Suggest Feedback

Problem Solved Successfully

Test Cases Passed: 1120 / 1120
Total Points Scored: 2 / 2

Your Total Score: 226
Total Time Taken: 0.01

Your Accuracy: 100%
Attempts No.: 1

Next Suggested Problem(s):

Find first set bit Check whether K-th bit is set or not

```
1 // } Driver Code Ends
2
3
4
5
6 class Solution {
7     public:
8         int setBits(int n) {
9             int count = 0;
10            while(n){
11                n = n&(n-1);
12                count++;
13            }
14            return count;
15        }
16    };
17 // } Driver Code Ends
```

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Problem Solved Successfully

Test Cases Passed:

1131 / 1131

Total Points Scored:

4 / 4

Your Total Score:

230

Total Time Taken:

0.15

Your Accuracy:

33%

Attempts No.:

3

Next Suggested Problem(s):

Maximum AND Value

Maximum XOR subset

```
9 vector<int> singleNumber(vector<int> arr)
10 {
11     vector<int> v;
12     int n = arr.size();
13     int res = 0;
14     for(int i = 0; i < n; i++){
15         res = res ^ arr[i];
16     }
17     int num = res & -res;
18     int a = 0, b = 0;
19     for(int i = 0; i < n; i++){
20         if(arr[i] & num){
21             a = a ^ arr[i];
22         }
23         else{
24             b = b ^ arr[i];
25         }
26     }
27     if(a > b){
28         v.push_back(b);
29         v.push_back(a);
30         return v;
31     }
32     else{
33         v.push_back(a);
34         v.push_back(b);
35         return v;
36     }
```

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Go to Settings to activate Windows.

[Custom Input](#)

Compile & Run

Submit

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Problem Solved Successfully

| | |
|--|-------------------------------------|
| Test Cases Passed: 100/110 /100110 | Total Points Scored: 1 /1 |
|--|-------------------------------------|

| | |
|-----------------------------------|----------------------------------|
| Your Total Score: 231 ↑ | Total Time Taken: 0.25 |
|-----------------------------------|----------------------------------|

| | |
|-------------------------------|---------------------------|
| Your Accuracy: 100% | Attempts No.: 1 |
|-------------------------------|---------------------------|

Next Suggested Problem(s):

[Check set bits](#) [Set kth bit](#) [Toggle bits given range](#)

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```
1 // } Driver Code Ends
9 //User function Template for C++
10
11 class Solution{
12 public:
13     // Function to find number of bits needed to be flipped to convert A to B
14     int countBitsFlip(int a, int b){
15         int count = 0;
16         int res = a^b;
17         while(res){
18             res = res&(res-1);
19             count++;
20         }
21         return count;
22     }
23 };
24 // } Driver Code Ends
```

Output Window

Compilation Results Custom Input

Suggest Feedback

Problem Solved Successfully

| | |
|-----------------------------------|-------------------------------|
| Test Cases Passed: 1120 / 1120 | Total Points Scored: 1 / 1 |
|-----------------------------------|-------------------------------|

| | |
|----------------------------|---------------------------|
| Your Total Score: 232 ↑ | Total Time Taken: 0.01 |
|----------------------------|---------------------------|

| | |
|-----------------------|--------------------|
| Your Accuracy: 50% | Attempts No.: 2 |
|-----------------------|--------------------|

Next Suggested Problem(s):

Binary representation of next number Check set bits

```
1 // } Driver Code Ends
9 //User function Template for C++
10
11 class Solution{
12 public:
13     // Function to check if given number n is a power of two.
14     bool isPowerofTwo(long long n){
15         for(int i = 0; i<60; i++){
16             if(pow(2,i) == n)
17                 return 1;
18         }
19         return 0;
20     }
21 };
22 // } Driver Code Ends
```

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Custom Input Compile & Run Submit

Problem Solved Successfully

Test Cases Passed: 102 / 102
Total Points Scored: 1 / 1

Your Total Score: 233
Total Time Taken: 0.01

Your Accuracy: 100%
Attempts No.: 1

Next Suggested Problem(s):

Check set bits Set kth bit Toggle bits given range

```
1 // } Driver Code Ends
2
3 class Solution {
4 public:
5     int findPosition(int n) {
6         int count = 0;
7         for(int i = 0; i < 60; i++){
8             if(pow(2,i) == n){
9                 while(n){
10                     count++;
11                     n = n >> 1;
12                 }
13                 return count;
14             }
15         }
16         return -1;
17     }
18 };
19 // } Driver Code Ends
```

Problem Solved Successfully ✓

You get marks only for the first correct submission if you solve the problem without viewing the full solution.

Test Cases Passed:
201 /201

Your Total Score:
233

Total Time Taken:
0.45

Correct Submission Count:
2

Attempts No.:
2

```
1 // } Driver Code Ends
2 //User function template for C++
3 class Solution{
4 public:
5     int search(int A[], int N){
6         int ans = 0;
7         for(int i=0; i<N; i++){
8             ans = ans ^ A[i];
9         }
10        return ans;
11    }
12 };
13 // } Driver Code Ends
```

Output Window

Compilation Results Custom Input

Suggest Feedback

Problem Solved Successfully

Test Cases Passed: **102** / 102
Total Points Scored: **2** / 2

Your Total Score: **235** ↑
Total Time Taken: **0.01**

Your Accuracy: **100%**
Attempts No.: **1**

Next Suggested Problem(s):

Check set bits Set kth bit Toggle bits given range

```
1 // } Driver Code Ends
2
3 class Solution {
4 public:
5     int setAllRangeBits(int N , int L , int R) {
6         while (L <= R){
7             N = N | (1 << L-1);
8             L++;
9         }
10        return N;
11    }
12 };
13 // } Driver Code Ends
```