

Practice (/) BETA

Sudo Placement [1.1] (/contest/sudo-placement-11/)

Hello

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SUMMARY

(HTTPS://PRACTICE.GEEKSFORGEEKS.ORG/CONTEST/SUDO-PLACEMENT-11/SUMMARY/)

SP - Palindrome Family (https://practice.geeksforgeeks.org/contest-problem/sp-palindrome-family/0/)**SP - Special Subsequences** (https://practice.geeksforgeeks.org/contest-problem/sp-trip-k-lets/0/)**SP - Range Queries** (https://practice.geeksforgeeks.org/contest-problem/sp-range-queries/0/)

Your Total Score:

0

SP - Range Queries

Submissions: 723 Accuracy: 1.66% Max. Score: 50

Given **Q** queries, with each query consisting of two integers **L** and **R** (**L** may or may not be less than **R**), the task is to find the total numbers between **L** and **R** (Both inclusive), having atmost three set bits in their binary representation.

Input : The first line of input contains number of testcases **T**. The 1st line of each testcase, contains a single integer **Q** denoting the number of queries. Each of the next **Q** lines, contain two space separated integers **L** and **R** denoting the range for that query.

Output : For each query you need to print the total numbers between **L** and **R** having at most 3 set bits in their binary representation.

Constraints :

1 <= T <= 5

1 <= Q <= 10⁵0 <= L, R <= 10¹⁸**Example :****Input :**

1

1

3 7

Output :

5

Explanation :

All numbers between 3 and 7 have less than or equal to 3 set bits.

My submissions

(//problem_submissions.php?pid=3509&isSolved=ALL&lang=ALL&user=Self)

Theme Light

C++ (g++ 5.4)

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```

1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     //code
6     return 0;
7 }

```

☐ Test against custom input

Submissions are closed for this Contest problem.

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