 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 4	Name : VEDANT BHARAD	
Day : 99	Date : 24/01/2023	Enrollment No: 92100133023

CP Club 365 Days Challenge

Programming language – PHP


Problem Statement

https://www.codechef.com/DSAPREP_02/problems/MNINT

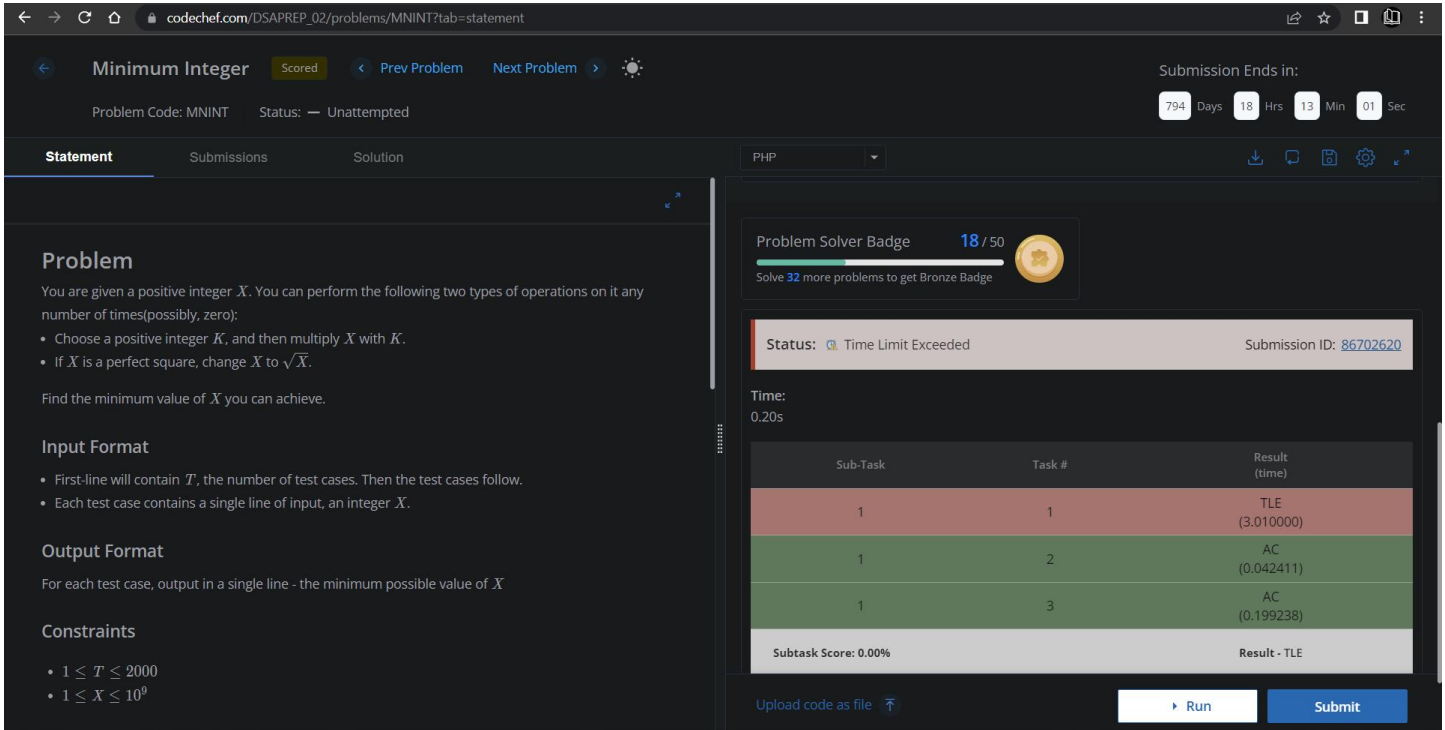
Git :- https://github.com/Vedantbharad2603/CP_club_365_Days

Your Code:

```
<!-- 0x99Day of 0x365Days challenge
VEDANT BHARAD
24-1-2023 -->
<?php
// your code goes here
function myFun($x)
{
    $ans = 1;
    for ($loop = 2; $loop*$loop <= $x; $loop++) {
        $counter = 0;
        while($x % $loop == 0) {
            $x /= $loop;
            $counter++;
        }
        if ($counter > 0) {
            $ans=$ans*$loop;
        }
    }
    if ($x > 1) {
        $ans *= $x;
    }
    print($ans."\n");
}
$t = (int)readline();
while($t!=0) {
    $x = (int)readline();
    myFun($x);
    $t--;
}
?>
```

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Output (Screen Shot):



The screenshot shows the CodeChef interface for the problem "Minimum Integer". The problem statement describes operations on a positive integer X : multiplying by K or taking the square root if X is a perfect square. The goal is to find the minimum value of X . The input format specifies the number of test cases T and the integer X . The output format requires the minimum possible value of X for each test case. Constraints are $1 \leq T \leq 2000$ and $1 \leq X \leq 10^9$.

The submission results table shows the following data:

Sub-Task	Task #	Result (time)
1	1	TLE (3.010000)
1	2	AC (0.042411)
1	3	AC (0.199238)
Subtask Score: 0.00%		Result - TLE

Understanding about problem:

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST
Team CP Club