 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 6	Name : Pushti Depani	
Day : 99	Date : 24/01/2023	Enrollment No: 92000133018

CP Club 365 Days Challenge

Programming language – Any language

Problem Statement

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


<https://www.codechef.com/viewsolution/86677934>

<https://github.com/Pushti18/CP-Club>

Your Code:

```
#include <bits/stdc++.h>
using namespace std;

int main() {
    int t;
    cin>>t;
    while(t--){
        long long int x;
        cin>>x;
        int y = 1;
        for(int i = 2; i<= x; i++) {
            int z = 0;
            while(x % i == 0) {
                x /= i;
                z++;
            }
            if (z > 0) {
                y *= i;
            }
        }
    }
}
```

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```

    }
}
cout << y << endl;
}
return 0;
}

```

Output (Screen Shot):

Status : Successfully executed

Time:
0.009833 secs

Memory:
5.46 Mb

Input

3
3
4
40


Output

1
1
1

Understanding about problem:

In this problem we need to find we have to multiply the positive integer and if it is perfect square then change it to root of that. So we will first compare it and then find it is even or not. Then we will compare it and it should be less than 0 and if condition satisfies then $y*=i$. and at last print the value.

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.

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ALL THE BEST

Team CP Club