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|  Marwadi University | Marwadi University Faculty of Technology Department of Information and Communication Technology | |
| Sem : 5 | Name : Pushti Depani | |
| Day : 78 | Date : 3/1/2023 | Enrollment No: 92000133018 |

CP Club 365 Days Challenge

Programming language – Any language


Problem Statement

https://www.codechef.com/DSAPREP_01/problems/LUCNUM

Your Code:

```
#include <iostream>
using namespace std;
#define ll long long
int main() {
    int p;
    cin>>p;
    while(p--){
        ll a;
        cin>>a;
        int i=0;
        while(a%2==0){
            a/=2;
            i++;
        }
        if(i%2==0){
            cout<<1<<endl;
        }

        else{
            cout<<0<<endl;
        }
    }
}
```

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```

    return 0;
}

```

Output (Screen Shot):

| | | | | | | |
|----------|---|-------|----|-------|--------------|---|
| 84068571 | ✓ | 0.02s | 5M | C++14 | 24 hours ago | → |
|----------|---|-------|----|-------|--------------|---|

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