

My Maya

Owl Code



Apt Logic

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Points: 40

Submissions: 4698



Light



## Description

### RainDrop

#### Program Description

Your task is to convert a number into a string that contains raindrop sounds corresponding to certain potential factors. A factor is a number that evenly divides into another number, leaving no remainder.

The rules of raindrops are that if a given number:

has **3** as a factor, add '**Pling**' to the result.

has **5** as a factor, add '**Plang**' to the result.

has **7** as a factor, add '**Plong**' to the result.

*does not* have any of 3, 5, or 7 as a factor, the result should be the digits of the number.

#### Input Format

Single line containing an integer N

### Output Format

Based on the given rules of raindrop print result.

### Constraints

$-10000 \leq \text{INPUT} \leq 10000$

### Explanation

#### Testcase 1:

**28** has **7** as a factor, but not 3 or 5, so the result would be "**Plong**".

#### Testcase 2:

**30** has both **3** and **5** as factors, but not 7, so the result would be "**PlingPlang**".

#### Testcase 3:

**34** is not factored by 3, 5, or 7, so the result would be "**34**".

Input: 1

C - GCC 11.1.0



Timer

0:06 sec



Light



```
1  #include<stdio.h>
2  int main()
3  {
4      int n,f=0;
5      scanf("%d",&n);
6      if(n%3==0)
7      {
8          printf("Pling");
9          f=1;
10     }
11     if(n%5==0)
12     {
13         printf("Plang");
14         f=1;
15     }
16     if(n%7==0)
17     {
18         printf("Plong");
19         f=1;
```

```
20     }
21     if(!f) printf("%d",n);
22     return 0;
23 }
```

 Run Code

### Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	28	28	Plong	Plong	1408 KB	3.564 ms	Pass
2	30	30	PlingPlang	PlingPlang	1408 KB	2.576 ms	Pass

All hidden testcases passed



#### Contact

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