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Owl Code



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Points: 40

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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<=INPUT<=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



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