

My Maya

Owl Code



Apt Logic

Logout



J-Path

Contact

Home / Owl ground / Neon Number

Points: 20

Submissions: 4291



Light



## Description

### Neon Number

#### Program Description

Write a program to check given number is Neon Number or not and display messages Neon Number or Not Neon Number.

**A neon number** is a number where the sum of digits of square of the number is equal to the given number. The task is to check and print neon numbers in a range.

#### Input Format

A single line contains an integer N.

#### Output Format

Display the given number is Neon number or Not Neon Number.

### Constraints

$1 \leq N \leq 104$

### Explanation

#### Input 1:

Square is  $9 \times 9 = 81$  and sum of the digits of the square is 9.

#### Input 2:

Square is  $12 \times 12 = 144$  and sum of the digits of the square is 9 ( $1 + 4 + 4$ ) which is not equal to 12.

#### Input-1

9

#### Output-1

Neon Number

#### Input-2

C - GCC 11.1.0



Timer

0:08 sec



Light



```
1  #include<stdio.h>
2  int main()
3  {
4      int n,m,s=0;
5      scanf("%d",&n);
6      m=n*n;
7      while(m!=0)
8      {
9          s=s+m%10;
10         m=m/10;
11     }
12     if(s==n)
13     {
14         printf("Neon Number");
15     }
16     else
17     {
18         printf("Not Neon Number");
19     }
20     return 0;
```

21 }

 Run Code

### Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	9	9	Neon Number	Neon Number	1408 KB	3.887 ms	Pass
2	12	12	Not Neon Number	Not Neon Number	1408 KB	2.674 ms	Pass

All hidden testcases passed



Contact

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