



[Home](#) / [Owl ground](#) / Neon Number

Points: 20

Submissions: 4291



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 igven 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;
```

 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

Call: +91 83 43 81 81 81

Email: support@technicalhub.io

Our Social Media



Light

