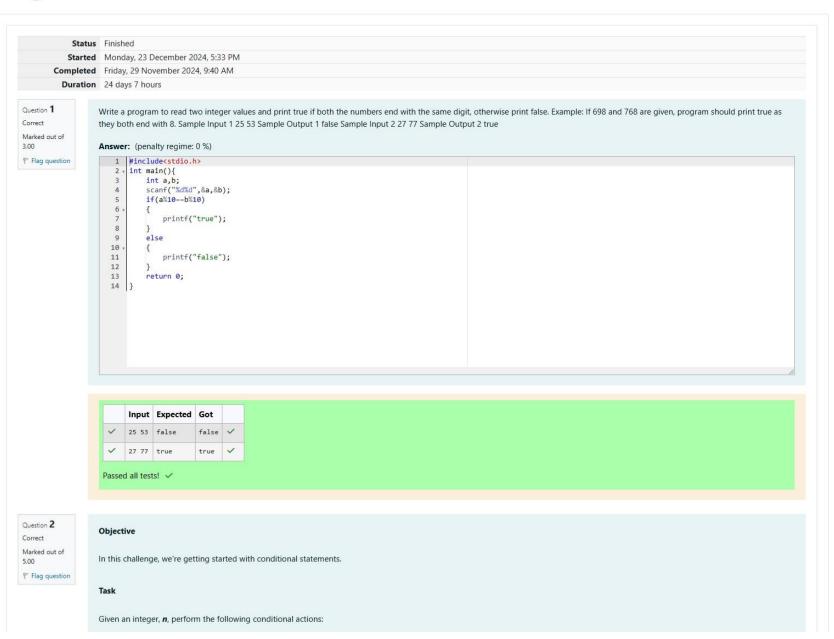
REC-CIS

# GE23131-Programming Using C-2024





- If **n** is odd, print Weird
- · If n is even and in the inclusive range of 2 to 5, print Not Weird
- · If n is even and in the inclusive range of 6 to 20, print Weird
- · If n is even and greater than 20, print Not Weird

Complete the stub code provided in your editor to print whether or not n is weird.

### Input Format

A single line containing a positive integer, n.

#### Constraints

· 1 ≤ n ≤ 100

### **Output Format**

Print Weird if the number is weird; otherwise, print Not Weird.

### Sample Input 0

3

## Sample Output 0

Weird

### Sample Input 1

24

## Sample Output 1

Not Weird

## Explanation

Sample Case 0: n = 3

n is odd and odd numbers are weird, so we print Weird.

Sample Case 1: n = 24

n > 20 and n is even, so it isn't weird. Thus, we print Not Weird.

```
Answer: (penalty regime: 0 %)
   1 |#include<stdio.h>
   2 - int main(){
  3
         int a:
   4
         scanf("%d",&a);
   5
         if(a%2==1)
   6 ,
   7
             printf("Weird");
   8
  9
         else if(a>2 || a<5)
  10
  11
             printf("Not Weird"):
  12
  13
         else if(a>6 | a<20)
  14
  15
             printf("Weird"):
  16
  17
         else
  18
  19
             printf("Not Weird");
  20
  21
         return 0:
  22
```

3
24
24 sed all t

Question **3**Correct

Marked out of 7.00

P Flag question

Three numbers form a Pythagorean triple if the sum of squares of two numbers is equal to the square of the third. For example, 3, 5 and 4 form a Pythagorean triple, since 3\*3 + 4\*4 = 25 = 5\*5 You are given three integers, a, b, and c. They need not be given in increasing order. If they form a Pythagorean triple, then print "yes", otherwise, print "no". Please note that the output message is in small letters. Sample Input 1 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample Output 2 no

Answer: (penalty regime: 0 %)

```
1 |#include<stdio.h>
2
   int main()
3 +
4
       int a,b,c,d;
5
       scanf("%d%d%d",&a,&b,&c);
       if(a>b && a>c)
6
7 ,
8
           d=b*b + c*c;
9
           if(a*a==d)
10
11
              printf("yes");
12
13
           else
14
15
              printf("no");
16
17
       else if(b>a && b>c)
18
19
20
           d=a*a + c*c;
21
           if (d==b*b)
22 .
23
              printf("yes");
24
```

```
26 v
27
28
         printf("no");
}
29
30
31 v
      else
32
          d=a*a + b*b;
         if(d==c*c)
34 •
35
          printf("yes");
36
37
          else
38 •
          printf("no");
39
40
41
42 43 }
44
45
```

	Input	Expected	Got	
~	3 5 4	yes	yes	~
~	5 8 2	no	no	~

Passed all tests! ✓

Finish review