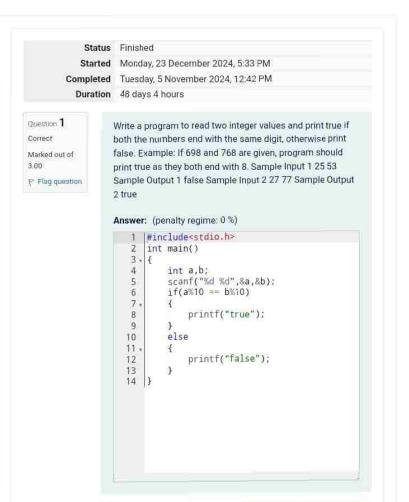
GE23131-Programming Using C-2024







Question 2 Correct Marked out of 5.00 F Flag question

Objective

In this challenge, we're getting started with conditional statements.

Task

Given an integer, n, perform the following conditional actions:

- If n is odd, print Weird
- If ${\it n}$ 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.

Question 2 Marked out of 5.00 ₹ Flag question

Objective

In this challenge, we're getting started with conditional

Given an integer, n_{\star} perform the following conditional

If n is odd, print Weird

If \emph{n} is even and in the inclusive range of 2 to 5,

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

Input Format

A single line containing a positive integer, n.

Constraints

 $1 \le n \le 100$

Output Format

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

Sample Input 0

Sample Output 0

Weird

Sample Input 1

Sample Output 1

Not Weird

Sample Case 0: n = 3

 \emph{n} is odd and odd numbers are weird, so we print \emph{Weird} .

Sample Case 1: n = 24

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

Answer: (penalty regime: 0 %)

```
int a;
scanf("%d",&a);
                   if(a<5)
{
    printf("Not Weird");</pre>
                  printf("Not Weird");
}
else if(a<21)
{
    printf("Weird");
}
else if(a>21)
{
    printf("Not Weird");
}
}
                    printf("Not weird");
}
                    printf("Weird");
```

	Input	Expected	Got	
~	3	Weird	Weird	V
/	24	Not Weird	Not Weird	~

Marked out of 7.00

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 autput 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

```
printf("Not weird");
24
25
        else
26
27
28
            printf("Weird");
29
30
31
32 }
```

	Input	Expected	Got	
~	3	Weird	Weird	~
~	24	Not Weird	Not Weird	~

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 in 3 - {
    int main()
         int a,b,c,d,e;
 4
5
6
7
         scanf("%d %d %d",&a,&b,&c);
        d=a*a;
e=b*b + c*c;
 9
         if(a>b && a>c)
10
             if(d==e)
            f
  printf("yes");
12
13
14
             else
15
16
            printf("no");
17
         d=b*b;
         e=a*a + c*c;
18
19
         if(b>c)
20
21
             if(d==e)
22
             1
23
24
                printf("yes");
25
             else
26
27
             {
                 printf("no");
28
             }
29
30
         d=c*c;
e=a*a + b*b;
31
32
         if(c>a && c>b)
33
34
             if(d==e)
35
             {
36
                 printf("yes");
37
38
             else
39
40
                 printf("no");
41
42
43 }
```



Finish review