REC-CIS

GE23131-Programming Using C-2024

Quiz navigation

| 1 | 2 | 3 |

Show one page at a time

Finish review

Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Monday, 28 October 2024, 9:45 AM
Duration	56 days 7 hours

Question 1

Correct

Marked out of 3.00

⚑ Flag question

Write a program to read two integer values and print true if both the numbers end with the s... and 768 are given, program should print true as they both end with 8. Sample Input 1 25 53 S... Sample Output 2 true

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>

int main()
{
    int x,y,remx,remy;
    scanf("%d %d", &x, &y);
    remx = x % 10;
    remy = y % 10;

    if(remx == remy)
    {
        printf("true");
    }

    else {
        printf("false");
    }
}
```

	Input	Expected	Got	
	25 53	false	false	
	27 77	true	true	

Passed all tests!

Question 2

Correct

Marked out of 5.00

⚑ 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 *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.

REC-CIS

A single line containing a positive integer, *n*.

Constraints

· $1 \leq n \leq 100$

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 %)

```c
#include<stdio.h>

int main()
{
    int n;
    scanf("%d", &n);

    if(n%2==1)
    {
        printf("Weird");
    }

    else if((n%2==0) && (n>=2 && n<=5))
    {
        printf("Not Weird");
    }

    else if((n%2==0) && (n>=6 && n<=20))
    {
        printf("Weird");
    }

    else if ((n%2==0) && (n>20))
```

REC-CIS

```
27         return 0;
28
29   }
```

	Input	Expected	Got	
	3	Weird	Weird	
	24	Not Weird	Not Weird	

Passed all tests!

Question **3**

Correct

Marked out of 7.00

⚑ Flag question

Three numbers form a Pythagorean triple if the sum of squares of two numbers is equal to th... form a Pythagorean triple, since 3*3 + 4*4 = 25 = 5*5 You are given three integers, a, b, and ... they form a Pythagorean triple, then print "yes", otherwise, print "no". Please note that the ou... 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample Output 2 no

Answer: (penalty regime: 0 %)

```c
1    #include<stdio.h>
2
3    int main()
4    {
5        int a,b,c;
6        scanf("%d %d %d", &a, &b, &c);
7
8        if ((a*a)+(b*b) == c*c || (a*a)+(c*c) == b*b || (b*b)+(c*c) == a*a)
9        {
10           printf("yes");
11       }
12
13
14       else {
15           printf("no");
16       }
17
18       return 0;
19   }
```

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

Passed all tests!