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Started	Wednesday, 15 January 2025, 5:44 AM
Completed	Wednesday, 15 January 2025, 5:57 AM
Duration	12 mins 55 secs

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 same digit, otherwise print false. Example: If 698 and 768 are given, program should print true as they both end with 8. Sample Input 1 25 53 Sample Output 1 false Sample Input 2 27 77 Sample Output 2 true

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    int x,y;
    scanf("%d %d",&x,&y);
    if(x%10==y%10)
    {
        printf("true");}
        else{
            printf("false");
        }
        return 0;
}
```

```
        else{
            printf("false");
        }
        return 0;
}
```

	Input	Expected	Got	
✓	25 53	false	false	✓
✓	27 77	true	true	✓

Passed all tests! ✓

Question 2
Correct

Objective

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

- $1 \leq n \leq 100$

Output Format

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

Sample Input 0

3

Sample Output 0

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 %)

```
#include<stdio.h>
int main()
{
    int n;
    scanf("%d",&n);
    if(n%2==0){
        if(n>=2&& n<=5){
            printf("Not Weird");}
        if(n>=6 &&n<=20){
            printf("weird");}
            if(n>20){
                printf("Not 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==0){
        if(n>=2&& n<=5){
            printf("Not Weird");}
        if(n>=6 &&n<=20){
            printf("weird");}
            if(n>20){
               printf("Not Weird");} }
    else{
        printf("Weird"); }
}
```

C-CIS

```
10              printf( Weird );}
11 ▾            if(n>20){
12                  printf("Not Weird");} }
13 ▾    else{
14          printf("Weird"); }
15  }
```

	Input	Expected	Got	
✓	3	Weird	Weird	✓
✓	24	Not Weird	Not Weird	✓

Passed all tests! ✓

Question 3

Correct

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 output message is in small letters. Sample Input 1 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample

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 %)

```
#include<stdio.h>
int main()
{
    int a,b,c;
    scanf("%d%d%d",&a,&b,&c);
    if((a*a+b*b==c*c)||(b*b+c*c==a*a)||(a*a+c*c==b*b))
    {
        printf("yes");
    }
    else
    {
        printf("no");
    }
    return 0;
}
```

REC-CIS

```
        printf("yes");
    }
    else
    {
        printf("no");
    }
    return 0;
}
```

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

Passed all tests! ✓