

Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Monday, 28 October 2024, 9:22 AM
Duration	56 days 8 hours

Question 1

Correct

Marked out of 3.00

Flag question

Question text

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 %)

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Week-03-01-Practice Session-Co

GE23131-PUC-2024: Week-01-01

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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 n1,n2,c,d;
    scanf("%d%d",&n1,&n2);
    c=n1%10;
    d=n2%10;
    if(c==d)
    {
        printf("true");
    }
    else{
        printf("false");
    }
    return 0;
}
```

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

Passed all tests! ✓

Question 2

Correct

Objective

Question 2

Correct

Marked out of 5.00

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Question text

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.

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

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 %)

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Answer: (penalty regime: 0 %)

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

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

Passed all tests! ✓

Question 3
Correct

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 $3^2 + 4^2 = 25 = 5^2$. 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

Passed all tests!

Question 3

Correct

Marked out of 7.00

Flag question

Question text

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 $3^2 + 4^2 = 25 = 5^2$. 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 %)

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Correct
Marked out of 7.00
Flag question

* * * * * 23 = 3 3 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",&a);
    scanf("%d",&b);
    scanf("%d",&c);
    if((a*a+b*b==c*c) || (a*a+c*c==b*b) || (b*b+c*c==a*a))
    {
        printf("yes");
    }
    else
    {
        printf("no");
    }
    return 0;
}
```

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

Passed all tests! ✓

Passed all tests!