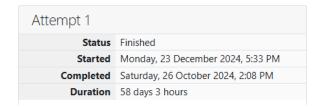
Week 3-1

Operators and Expressions, Managing Input and Output Operations

Roll no: 240801162

Name: Keerthanaa Kumaraswamy

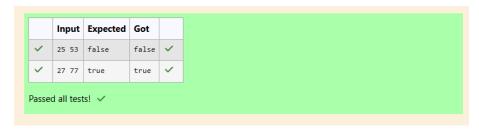


Problem 1: Write a program to read two integer values and print true if both the numbers end with the same digit, otherwise print false. Example: If 698 and 768 are given, program should print true as they both end with 8. Sample Input 1 25 53 Sample Output 1 false Sample Input 2 27 77 Sample Output 2 true

Code

```
#include <stdio.h>
   int main()
        int n1 , n2;
scanf("%d %d",&n1,&n2);
4
        int TG1 = n1%10;
        int TG2 = n2\%10;
        if(TG1 == TG2){
8 ,
            printf("true");
9
10
        else{
11 *
            printf("false");
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
```

OUTPUT:



<u>Problem 2:</u> 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
\cdot 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.
<u>Input Format</u>
A single line containing a positive integer, n.
<u>Constraints</u>
· 1 < n < 100
Output Format
Print Weird if the number is weird; otherwise, print Not Weird.
Sample Input 0
3

Sample Output 0

Sample Input 1

24

Sample Output 1

Not Weird

Explanation

Sample Case 0: n = 3

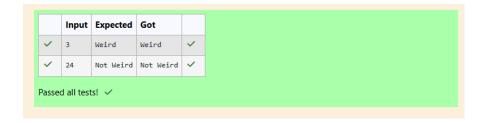
n is odd and odd numbers are weird, so we print Weird.

Sample Case 1: n = 24

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

Code:

OUTPUT:



Problem 3: 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

Code:

OUTPUT:

