Week 3 – 1:

--Coding-C-Language Features-Optional.

ROLL NO.:240801188

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Q1) 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

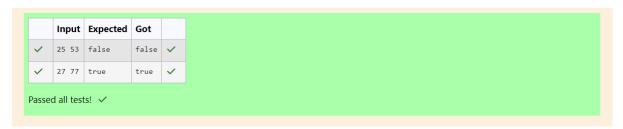
Sample Output 2

true

Code:

```
Status Finished
             Started Monday, 23 December 2024, 5:33 PM
         Completed Saturday, 26 October 2024, 2:18 PM
           Duration 58 days 3 hours
Question 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,
Correct
                      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
Marked out of
3.00
                      Answer: (penalty regime: 0 %)
Flag question
                             #include<stdio.h>
                              int main()
                                   int num1,num2;
scanf("%d %d",&num1,&num2);
int lastdigit1 = num1 % 10;
                         4
                                   int lastdigit2 = num2 % 10;
if(lastdigit1 == lastdigit2)
                                        printf("true\n");
                         10
                         11
                         12
                         13
                        14
15
16
                                       printf("false\n");
                                   return 0;
```

OUTPUT:



Q2) 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 < n < 100

Output Format

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

Sample Input 0

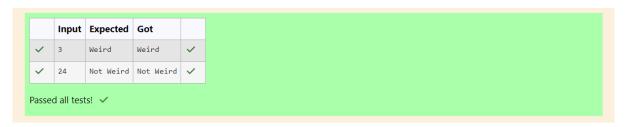
3

Sample Output 0

Weird

Code:

OUTPUT:



the square of the third.

For example, 3, 5 and 4 form a Pythagorean triple, since 3*3 + 4*4 = 25 = 5*5You 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

Code:

```
1 #include<stdio.h>
 2 int main()
 3 ₹ {
         int a,b,c;
scanf("%d %d %d",&a,&b,&c);
        if((a*a + b*b == c*c)||(b*b + c*c == a*a)||(c*c + a*a == b*b))
 7 •
            printf("yes");
        }
 9
10
         else
11 🔻
            printf("no");
12
         }
13
14 }
```

OUTPUT: