Status Finished

Started Monday, 23 December 2024, 5:33 PM

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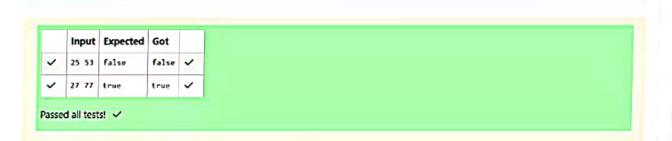
Question 1 Correct Marked out of 3.00

P 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>
 2 * int main(){
3  int a,b;
 scanf("%d%d",&a,&b);
if(a%10==b%10)
printf("true");
else
 8 printf("false");
9 return 0;
10 }
```



Question 2
Correct
Marked out of 5.00
P 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

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- 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 Welrd
- If n is even and greater than 20, print Not Welrd

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

```
Answer: (penalty regime: 0 %)
   1 #include<stdio.h>
   2 - int main(){
           int n;
scanf("%d",&n);
   3
   4
   5
           if(n%2==1)
   6 .
   7
           printf("Weird");
   8
   9
          else if(n==2 || n==4)
  10 .
          printf("Not Weird");
  11
  12
          else if(n%2==0 &&(n>=6 && n<=20))
  13
  14 .
           printf("Weird");
  15
  16
           )
else if(n%2=0 && n>20)
  17
  18
  19
           printf("Not Weird");
  20
  21
           return 0;
  22
      )
  23
```

	Input	Expected	Got	
~	3	Weird	Weird	~
~	24	Not Weird	Not Weird	~

Passed all tests! <

Question **3**Correct
Marked out of 7.00
Y Flag question

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 %)

```
1 #include<stdio.h>
   int main()
 2
 3 .
int a,b,c;
scanf("%d\n%d\n%d\n%d",&a,&b,&c);
   a=a ta;
   b=b*b;
 8 c=c*c;
9 if( a==b+c)
10 . [
   printf("yes");
12
   )
else if(b==a+c)
13
14 - {
   printf("yes");
15
17
    else if(c==a+b)
18 . {
        printf("yes");
19
    }
20
21
   else
22 - {
        printf("no");
23
24
    return 0;
25
26 )
```

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

Passed all tests! 🗸

Finish review