

Question **1**

Correct

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3.00

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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 %)

```
1 #include<stdio.h>
2 int main(){
3     int a,b;
4     scanf("%d %d",&a,&b);
5     if(a%10==b%10)
6         printf("true");
7     else
8         printf("false");
9     return 0;
10 }
```

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

Passed all tests! ✓

Question **2**

Correct

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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***.

```

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

```

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

Question 3

Correct

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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 %)

```
1 #include<stdio.h>
2 int main(){
3     int a,b,c;
4     scanf("%d %d %d",&a,&b,&c);
5     if(a*a+b*b==c*c | | c*c+b*b==a*a | | a*a+c*c==b*b)
6         printf("yes");
7     else
8         printf("no");
9     return 0;
10 }
```

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

Passed all tests! ✓