

Status	Finished
Started	Wednesday, 15 October 2025, 12:00 PM
Completed	Wednesday, 15 October 2025, 1:12 PM
Duration	1 hour 11 mins

Question **1**

Correct

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 %)

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

	Input	Expected	Got	
$n \sim$	3	Weird	Weird	$n \sim$
$n \sim$	24	Not Weird	Not Weird	$n \sim$

Passed all tests! $\tilde{n\Gamma}$

Question **2**

Correct

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  {
4      int x,y;
5      scanf("%d",&x);
6      scanf("%d",&y);
7      if((x%10)==(y%10))
8          printf("true");
9      else
10         printf("false");
11     return 0;
12 }
```



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

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

3
5
4

sample output

yes

for example:

Input	Result
3 5 4	yes

Answer: (penalty regime: 0 %)

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

```
16     return 0;
17 }
18
19
```

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

Passed all tests! ✓