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Exercise: odd

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5.0/5.0 points (graded)

ESTIMATED TIME TO COMPLETE: 3 minutes

Write a Python function, `odd`, that takes in one number and returns `True` when the number is odd and `False` otherwise.

You should use the `%` (mod) operator, not `if`.

This function takes in one number and returns a boolean.

```
1 def odd(x):
2     '''
3     x: int
4
5     returns: True if x is odd, False otherwise
6     '''
7     # Your code here
8     return not (x % 2 == 0)
9
```

Press ESC then TAB or click outside of the code editor to exit

Correta



```
def odd(x):  
    ...  
    x: int  
    ...  
    return (x % 2 == 1)
```

Test results

[Hide output](#)**CORRECT**

Test: odd(54)

Output:

False

Test: odd(55)

Output:

True

Test: odd(86)

Output:

False

Test: odd(87)

Output:

True



Test: odd(52)

Output:

False

Test: odd(53)

Output:

True

Test: odd(70)

Output:

False

Test: odd(71)

Output:

True

Test: odd(-6)

Output:

False

Test: odd(-5)



Output:

True

Hide output

Enviar










 Answers are displayed within the problem

Exercise: odd

Ocultar discussão

Topic: Lecture 4 / Exercise: odd

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	[SPOILER] Got it correct but...		11
I passed the grader but I have a feeling I cheated. We're told not to use if so I just used while instead ...			
	[SPOLIER] Always receiving "must make use of the \"%\""		2
I still get the error "Your code must make use of the \"%\" keyword." but i am using the % in the return...			
	Hint!!! one line of code is enough		1
I tried a few things and realised that just typing something along the lines of: return ? % ? == somethi...			
	Parantheses?		1
Why would it be bad to not use parantheses on the return statement?			
	Still processing		17
after refreshing the page, i am not able to see whether my answer is correct or not. although a gree...			
	Please remove the comments quote "" included in Question, otherwise grader rate it false		2
my one-line code is the same, but Failed at first submit due to Grader not taking it when I forgot rem...			
	One-Line Solution is the Return Statement!		4
Ha, I got it. The solution is one-line, so it is the return statement.			
	[Spoiler] I think the grader is broken		6
I wrote an odd function using a dictionary structure since the instructions says not to use an if state...			
	Why does the grader take forever to load?		1
This has bothered me quite a bit. The grader often takes ages to load for almost every task which res...			

- | | |
|--|---|
| 💬 <u>Why programing is processing? (#My view)</u> | 2 |
| <u>Last day when i clicked on submit after completing the program, it was showing "processing" endles...</u> | |
| ❓ <u>grader does not work</u> | 7 |
| <u>report: Your code must make use of the "%" keyword. however, the code is exactly the one from the...</u> | |

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